

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118067.D
 Acq On : 3 Dec 2019 17:33
 Operator : JU
 Sample : K6069-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

Manual Integrations
 APPROVED

mohammad
 12/4/2019 5:01:31 PM

Quant Time: Dec 04 00:45:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	525239	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	284172	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	524014	20.00	ng	0.00
76) Chrysene-d12	14.07	240	317814	20.00	ng	0.00
87) Perylene-d12	15.57	264	315733	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	883889	113.91	ng	0.01
7) Phenol-d6	6.51	99	1124199	120.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	700273	79.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377287	125.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1430532	90.31	ng	0.00
79) Terphenyl-d14	13.01	244	1605043	92.30	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.69	88	122543	33.784 ng	98
3) Pyridine	3.45	79	299972	31.527 ng	98
4) n-Nitrosodimethylamine	3.40	42	149070	35.891 ng	99
6) Aniline	6.54	93	171671	13.880 ng	97
8) 2-Chlorophenol	6.66	128	375896	44.642 ng	99
9) Benzaldehyde	6.42	77	140126	19.436 ng	95
10) Phenol	6.52	94	450936	46.364 ng	99
11) bis(2-Chloroethyl)ether	6.61	93	322736	41.321 ng	95
12) 1,3-Dichlorobenzene	6.82	146	410845	41.445 ng	97
13) 1,4-Dichlorobenzene	6.89	146	418372	41.753 ng	99
14) 1,2-Dichlorobenzene	7.05	146	394254	41.141 ng	99
15) Benzyl Alcohol	7.02	79	320245	44.318 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393703	32.740 ng	98
17) 2-Methylphenol	7.13	107	303579	42.574 ng	97
18) Hexachloroethane	7.39	117	152659	41.473 ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	239086	41.406 ng	96
20) 3+4-Methylphenols	7.28	107	377346	42.631 ng	94
22) Acetophenone	7.29	105	517920	43.890 ng	# 94
24) Nitrobenzene	7.46	77	376975	41.357 ng	95
25) Isophorone	7.70	82	673691	41.600 ng	98
26) 2-Nitrophenol	7.78	139	209282	47.172 ng	95
27) 2,4-Dimethylphenol	7.82	122	331742	48.121 ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	414309	40.316 ng	99
29) 2,4-Dichlorophenol	8.02	162	322837	43.172 ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	353379	40.741 ng	99
31) Naphthalene	8.19	128	1106232	45.178 ng	99
32) Benzoic acid	7.93	122	200870	34.799 ng	99
33) 4-Chloroaniline	8.23	127	59434	5.422 ng	97
34) Hexachlorobutadiene	8.30	225	209284	41.268 ng	98
35) Caprolactam	8.60	113	100490m	42.283 ng	
36) 4-Chloro-3-methylphenol	8.72	107	339001	44.670 ng	98
37) 2-Methylnaphthalene	8.88	142	757468	45.784 ng	99
38) 1-Methylnaphthalene	8.98	142	703880	45.002 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	338424	41.008 ng	98

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Quant Time: Dec 04 00:45:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	370434	80.098	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	231861	39.225	nq	97
44) 2,4,5-Trichlorophenol	9.20	196	250011	40.736	nq	96
46) 1,1'-Biphenyl	9.35	154	913005	43.305	nq	99
47) 2-Chloronaphthalene	9.37	162	708607	40.856	nq	97
48) 2-Nitroaniline	9.47	65	195841	37.401	nq	95
49) Acenaphthylene	9.79	152	1128832	44.642	nq	99
50) Dimethylphthalate	9.65	163	961017	48.226	nq	100
51) 2,6-Dinitrotoluene	9.71	165	191660	44.007	nq	96
52) Acenaphthene	9.96	154	657134	40.567	nq	98
53) 3-Nitroaniline	9.87	138	57555	11.044	nq	97
54) 2,4-Dinitrophenol	9.99	184	148791	67.711	nq	98
55) Dibenzofuran	10.14	168	993431	44.288	nq	99
56) 4-Nitrophenol	10.05	139	291804	75.016	nq	99
57) 2,4-Dinitrotoluene	10.12	165	252227	45.528	nq	# 84
58) Fluorene	10.48	166	764912	44.005	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	198299	39.324	nq	100
60) Diethylphthalate	10.35	149	841038	43.290	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	384940	43.638	nq	98
62) 4-Nitroaniline	10.50	138	194102	37.199	nq	97
63) Azobenzene	10.63	77	735537	41.615	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	112913	46.157	nq	81
66) n-Nitrosodiphenylamine	10.59	169	683347	44.809	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	243570	43.079	nq	97
68) Hexachlorobenzene	11.03	284	273928	41.549	nq	95
69) Atrazine	11.12	200	207199	41.302	nq	99
70) Pentachlorophenol	11.23	266	269541	69.978	nq	99
71) Phenanthrene	11.45	178	1139340	43.246	nq	99
72) Anthracene	11.50	178	1193445	45.689	nq	100
73) Carbazole	11.65	167	996437	43.653	nq	99
74) Di-n-butylphthalate	11.98	149	1302694	45.837	nq	99
75) Fluoranthene	12.64	202	1132657	47.655	nq	99
77) Benzidine	12.76	184	308072	29.593	nq	99
78) Pyrene	12.87	202	1126700	43.867	nq	99
80) Butylbenzylphthalate	13.49	149	505563	45.829	nq	98
81) Benzo(a)anthracene	14.06	228	885401	42.159	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	135742	18.478	nq	99
83) Chrysene	14.10	228	866452	42.576	nq	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	680900	50.912	nq	100
85) Di-n-octyl phthalate	14.66	149	1026314	52.236	nq	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	934912	53.978	nq	99
88) Benzo(b)fluoranthene	15.13	252	787353	38.383	nq	100
89) Benzo(k)fluoranthene	15.16	252	786760	40.705	nq	98
90) Benzo(a)pyrene	15.50	252	765229	42.423	nq	99
91) Dibenzo(a,h)anthracene	17.10	278	781560	50.339	nq	99
92) Benzo(g,h,i)perylene	17.54	276	793037	51.282	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

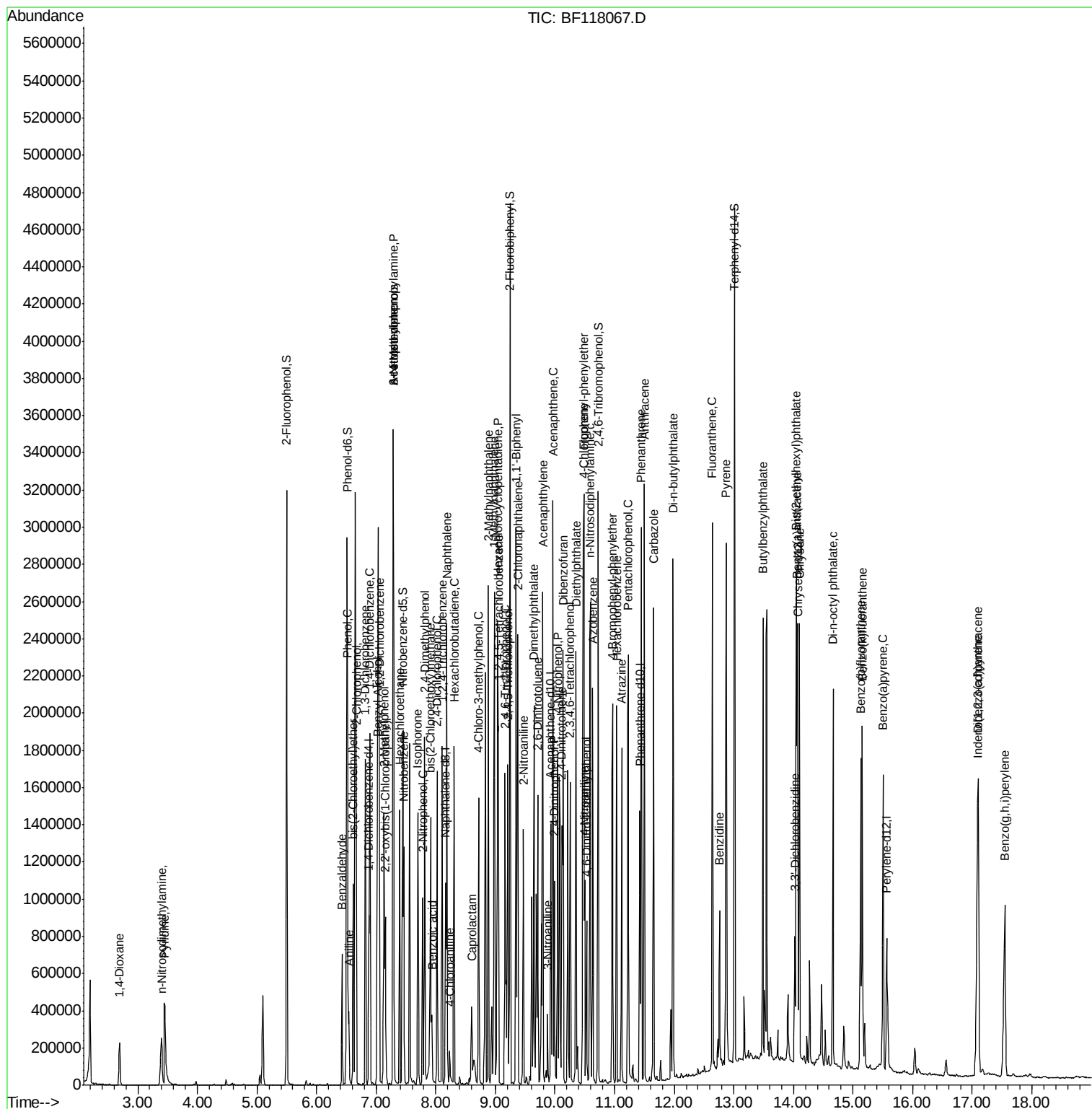
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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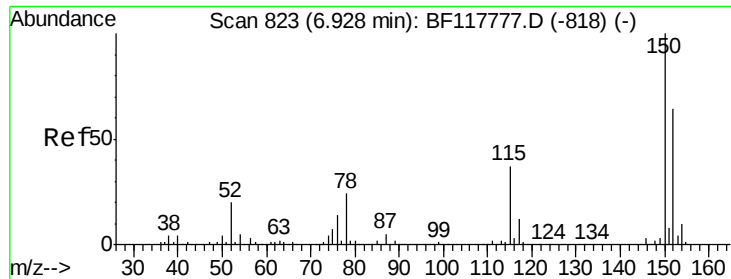
Instrument :
BNA_F
ClientSampled :
SB-3MS

Manual Integrations
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Quant Time: Dec 04 00:45:30 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
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#1

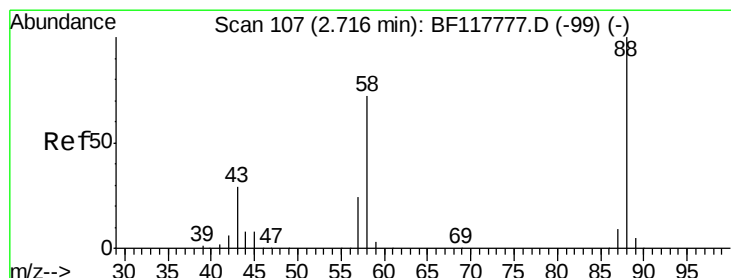
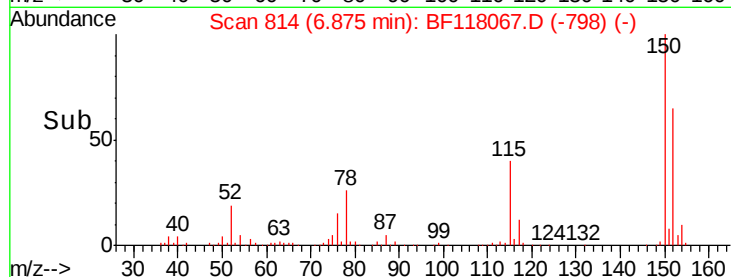
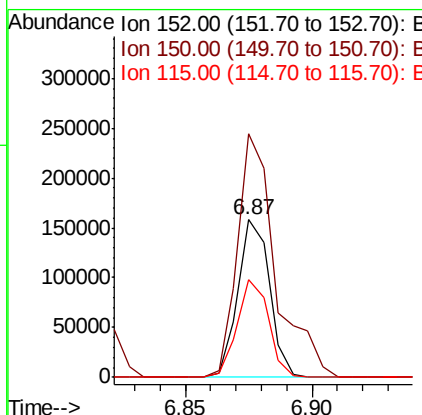
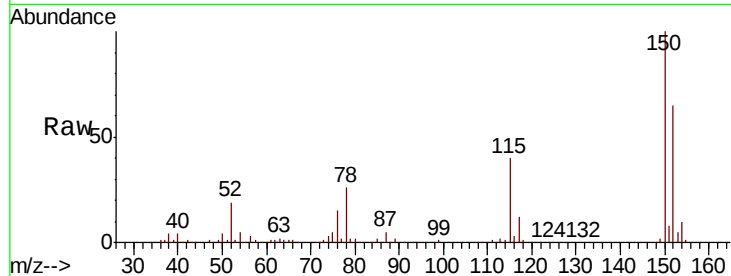
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.4	182.2
115	62.0	48.8	73.2

Manual Integrations
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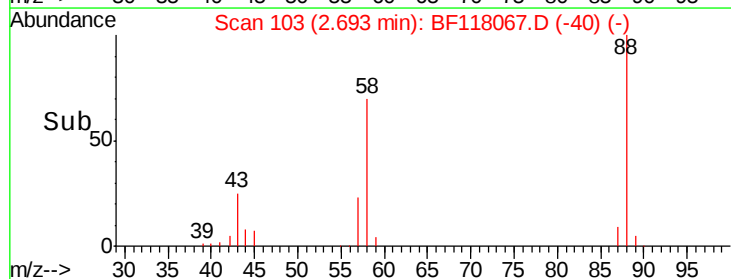
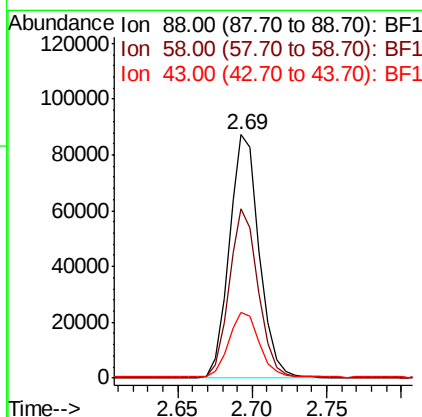
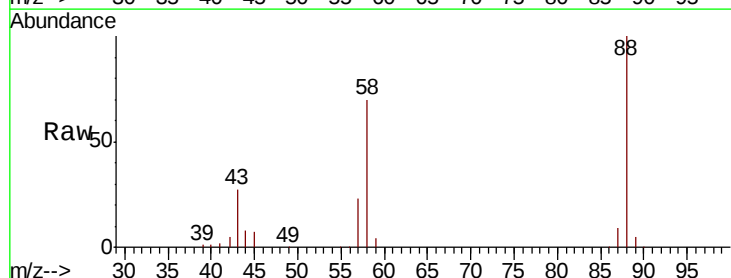
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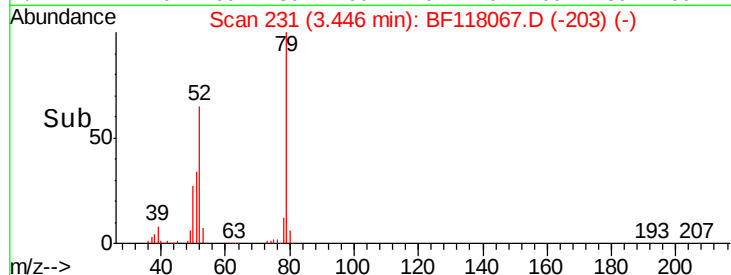
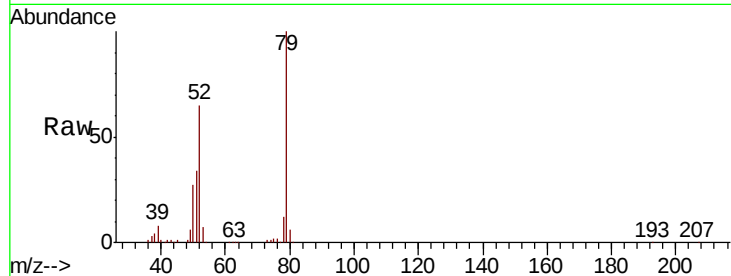
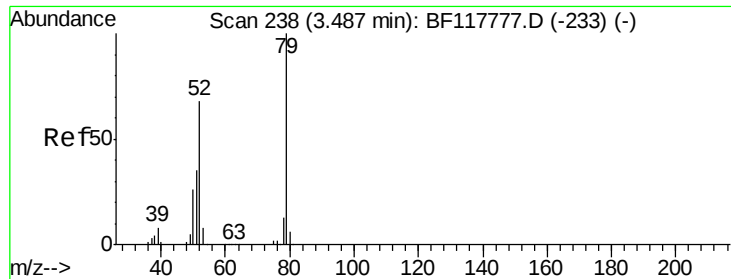


#2

1,4-Dioxane
Concen: 33.784 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	52.6	78.8
43	27.4	21.8	32.6





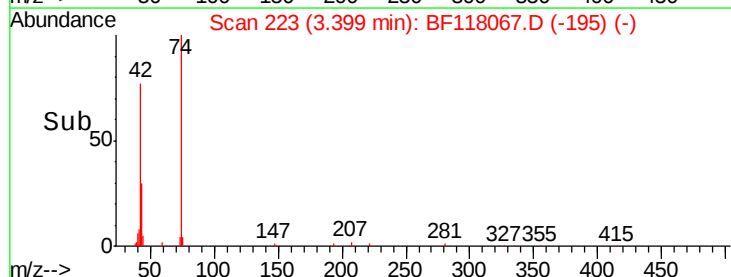
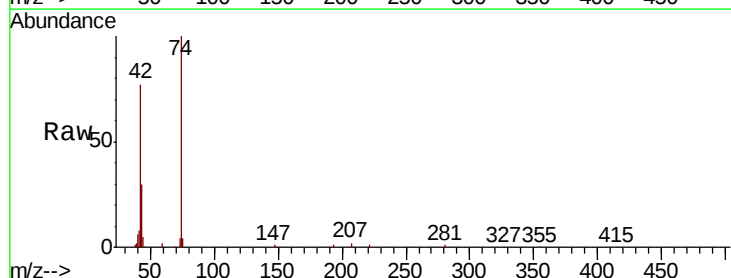
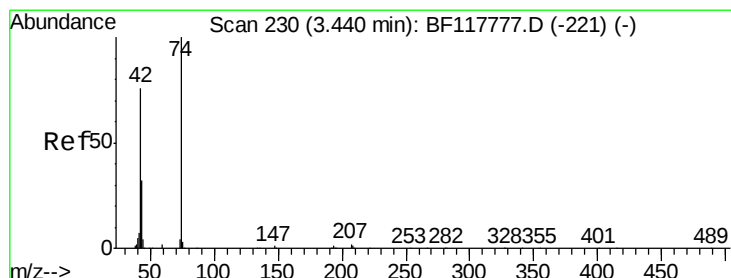
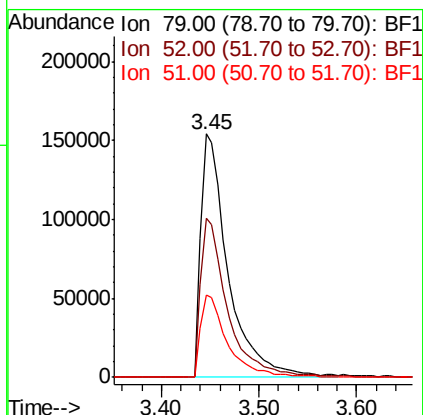
#3
Pvridine
Concen: 31.527 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.06 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.4	50.6	75.8
51	34.0	26.8	40.2

Instrument :
BNA_F
ClientSampleId :
SB-3MS

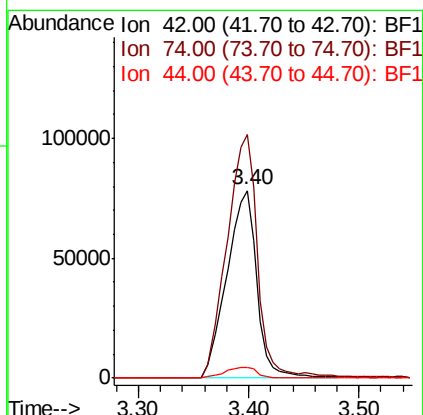
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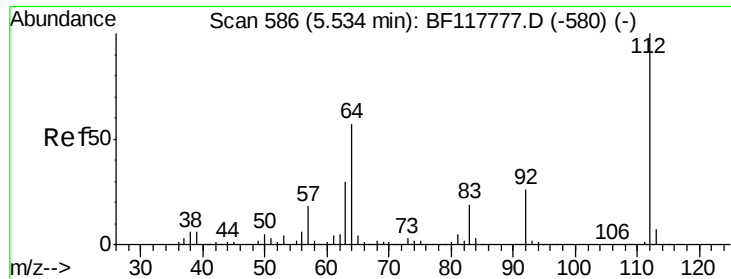
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#4
n-Nitrosodimethylamine
Concen: 35.891 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.06 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.6	102.8	154.2
44	5.9	4.7	7.1





#5

2-Fluorophenol

Concen: 113.905 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

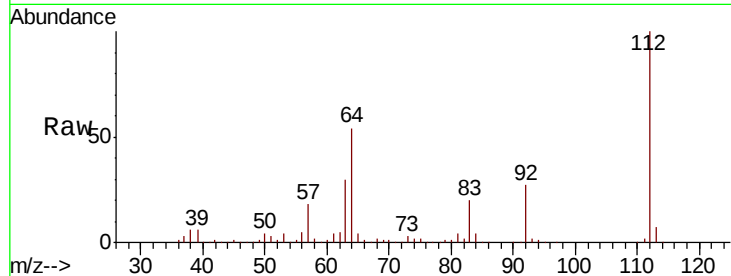
ClientSampleId :

SB-3MS

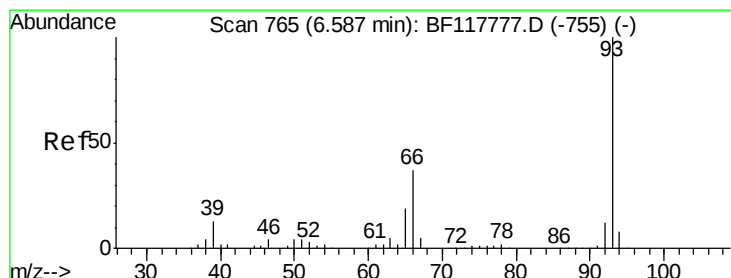
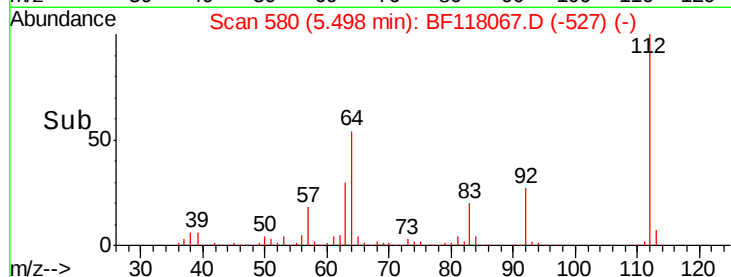
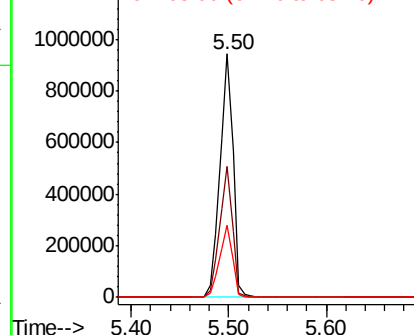
Tot Ion:	112	Resp:	883889
Ion Ratio	Lower	Upper	
112	100		
64	53.8	45.1	67.7
63	29.7	24.6	37.0

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.880 ng

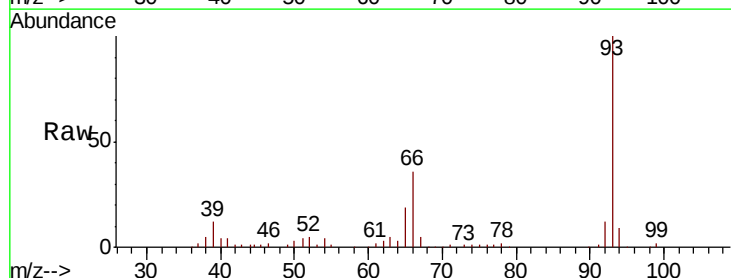
RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

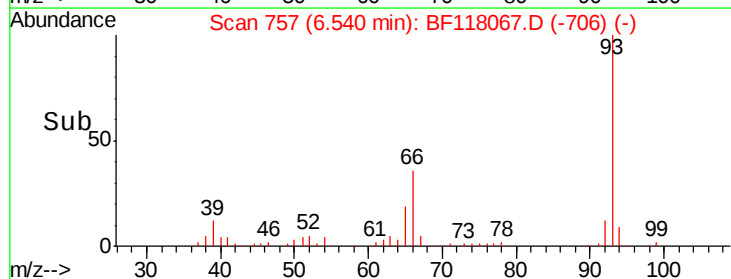
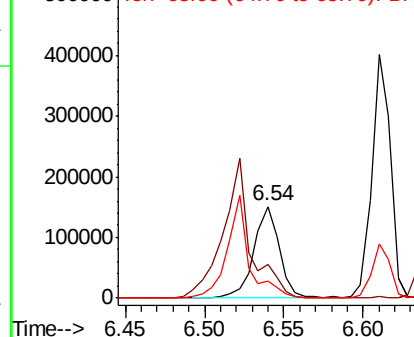
Lab File: BF118067.D

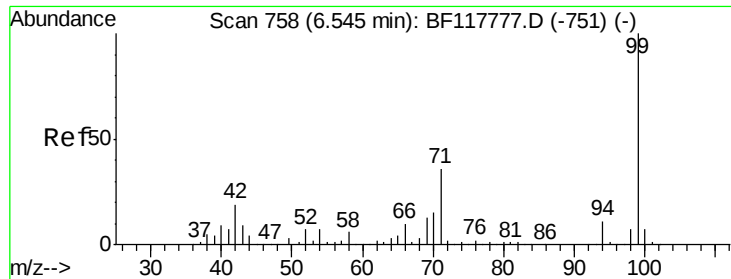
Acq: 3 Dec 2019 17:33

Tgt Ion:	93	Resp:	171671
Ion Ratio	Lower	Upper	
93	100		
66	36.3	31.0	46.6
65	19.0	15.8	23.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.111 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

Tot Ion: 99 Resp: 1124199

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

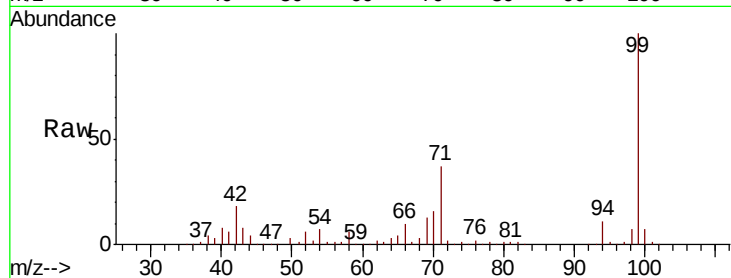
71 37.4 29.2 43.8

Manual Integrations

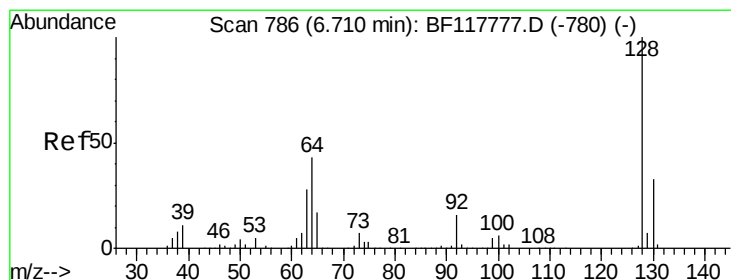
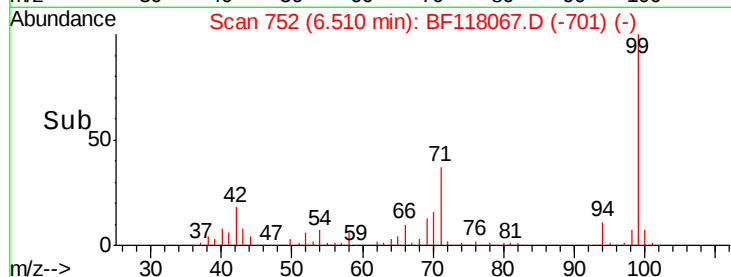
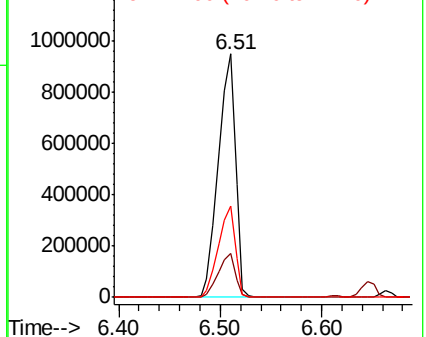
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.642 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

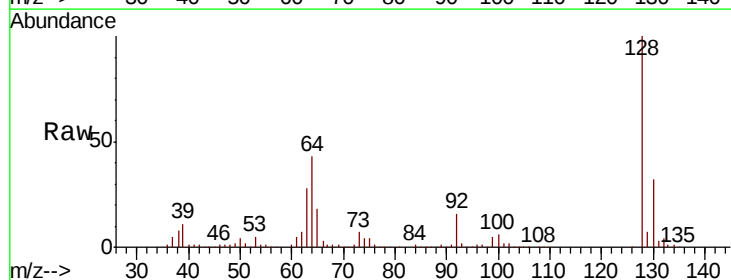
Tgt Ion:128 Resp: 375896

Ion Ratio Lower Upper

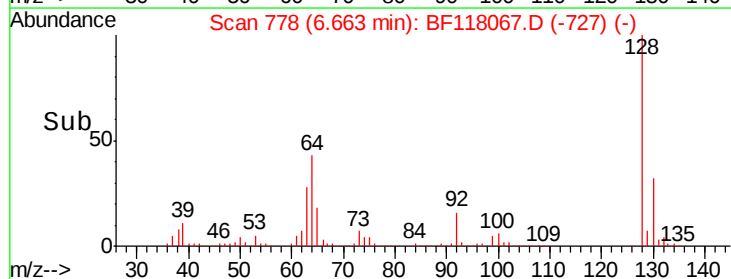
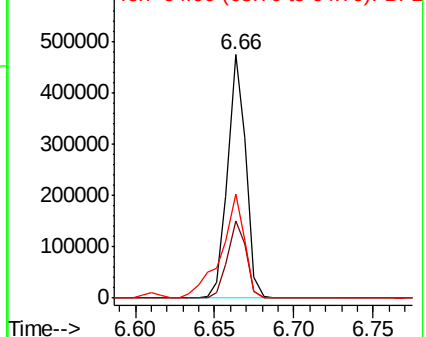
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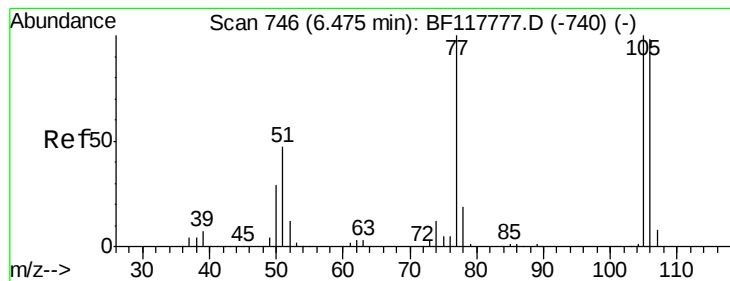
130 31.5 12.4 52.4

64 42.8 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.436 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

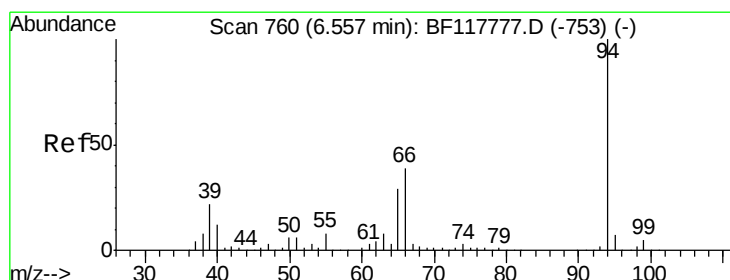
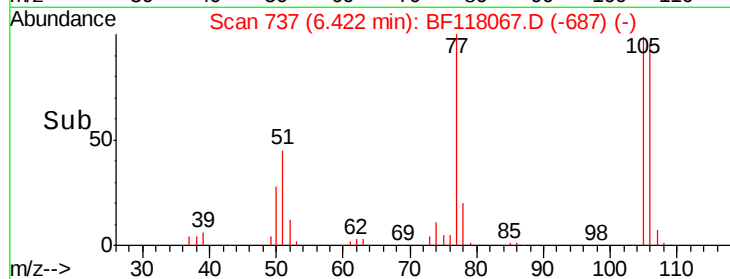
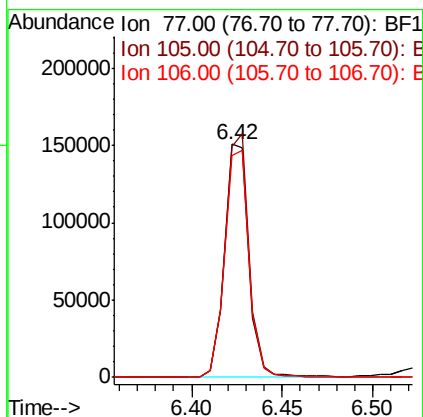
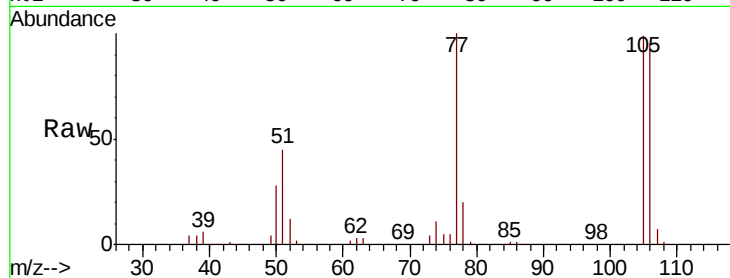
ClientSampleId :

SB-3MS

Tot Ion:	77	Resp:	140126
Ion	Ratio	Lower	Upper
77	100		
105	99.2	83.3	123.3
106	95.0	80.9	120.9

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#10

Phenol

Concen: 46.364 ng

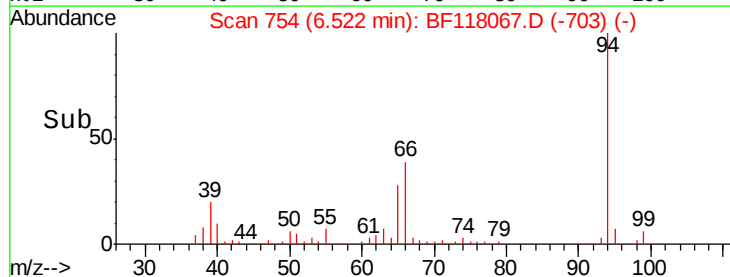
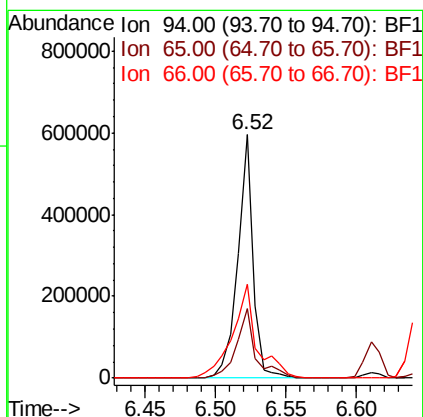
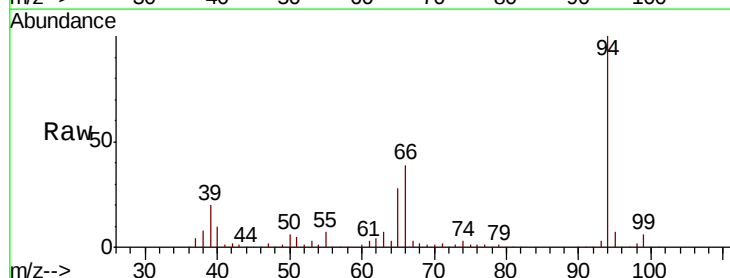
RT: 6.52 min Scan# 754

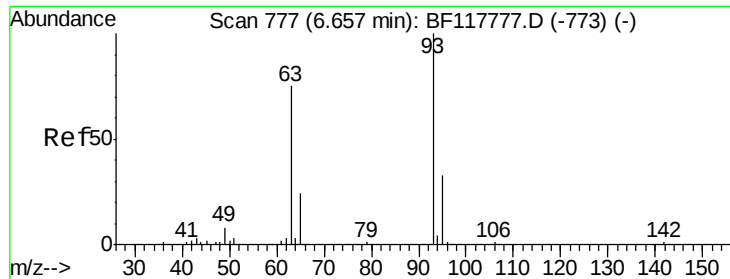
Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion:	94	Resp:	450936
Ion	Ratio	Lower	Upper
94	100		
65	28.3	6.9	46.9
66	38.7	18.6	58.6





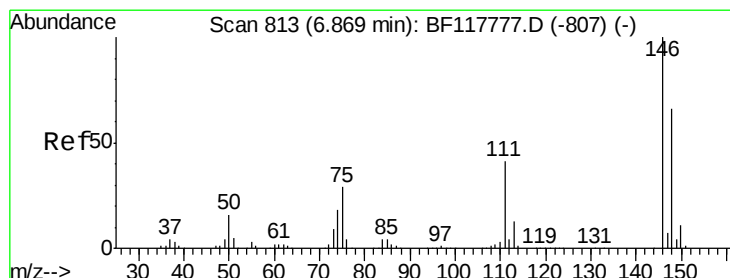
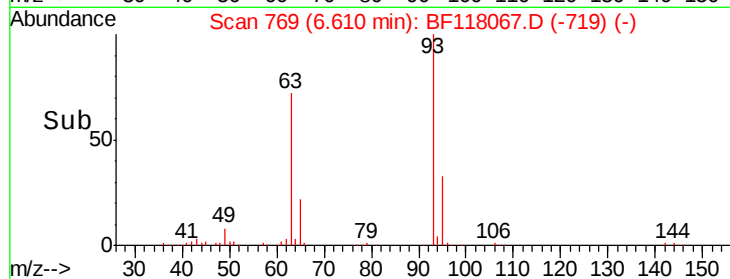
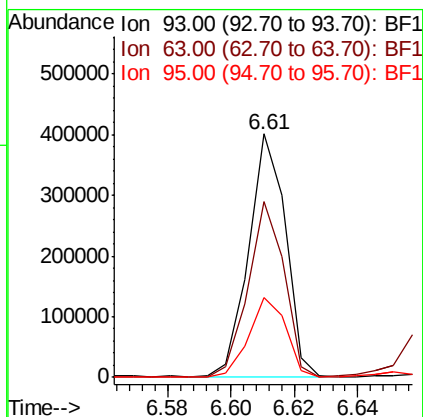
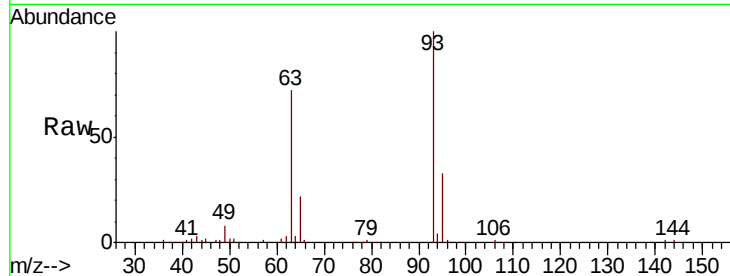
#11
bis(2-Chloroethyl)ether
Concen: 41.321 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	46.8	86.8
95	32.6	12.0	52.0

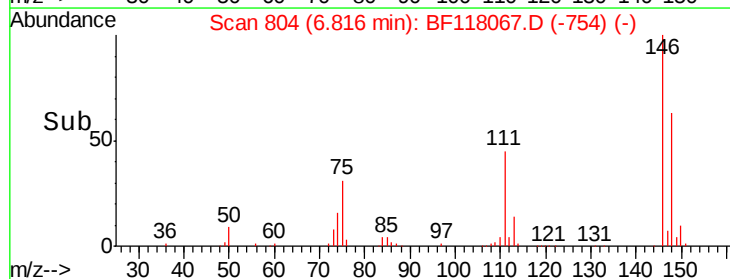
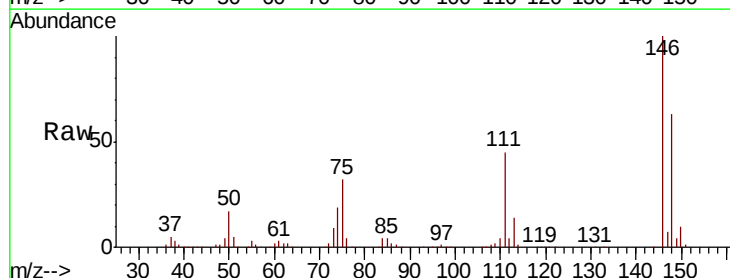
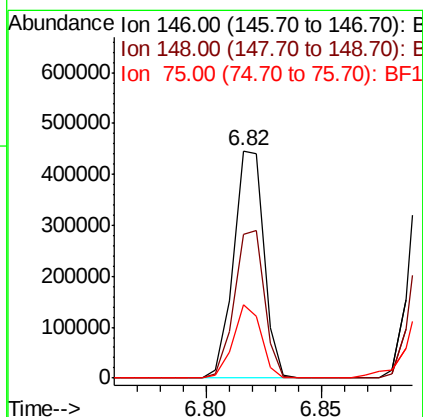
Manual Integrations
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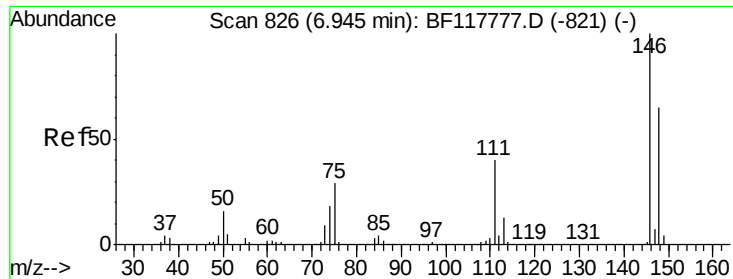
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.445 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.7	79.1
75	32.5	24.5	36.7





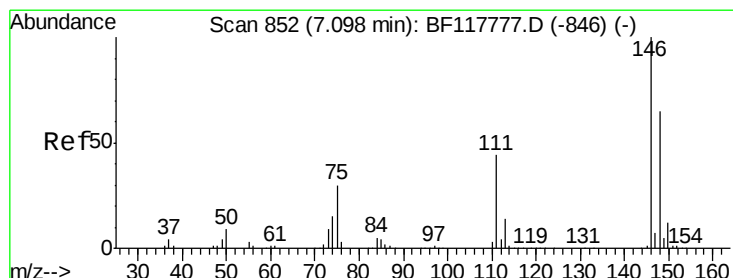
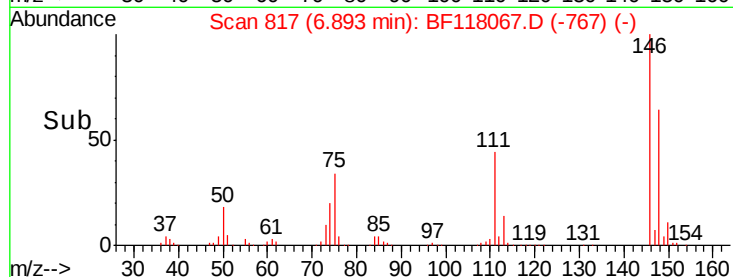
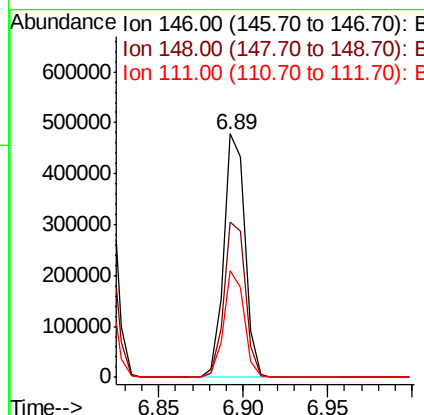
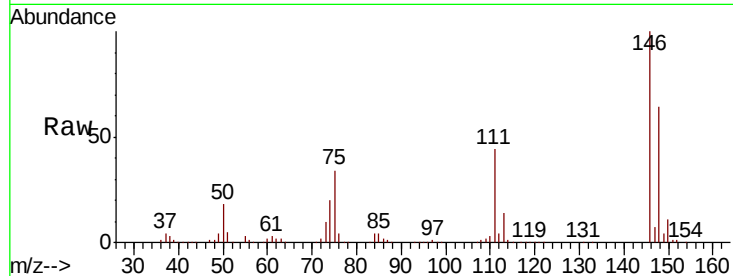
#13
1,4-Dichlorobenzene
Concen: 41.753 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	43.9	34.6	51.8

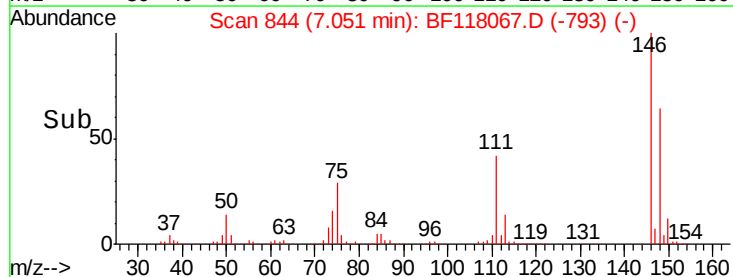
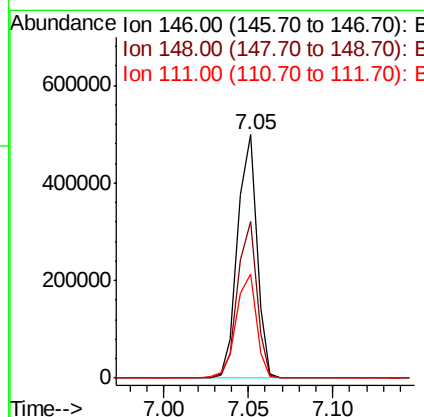
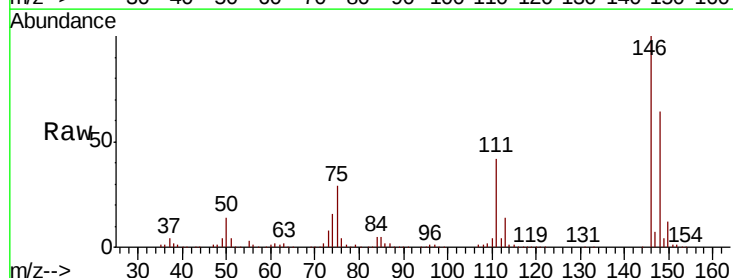
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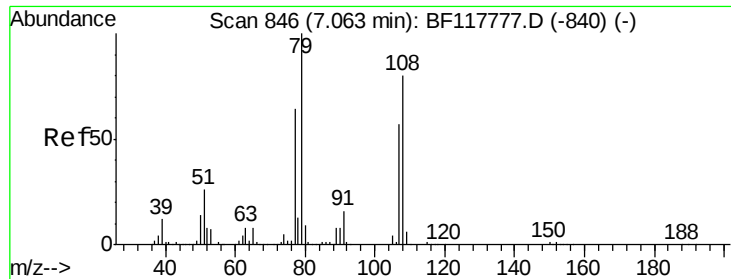
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.141 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	42.5	35.8	53.8





#15

Benzyl Alcohol

Concen: 44.318 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

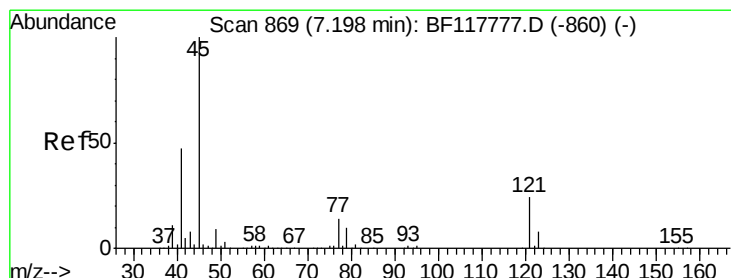
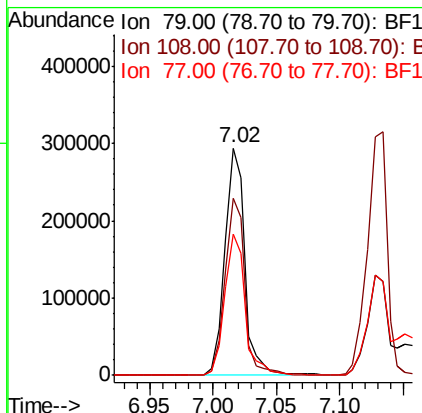
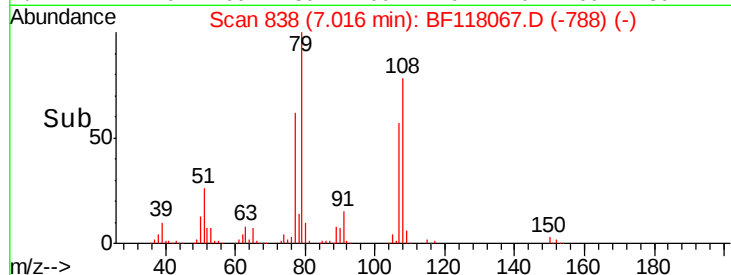
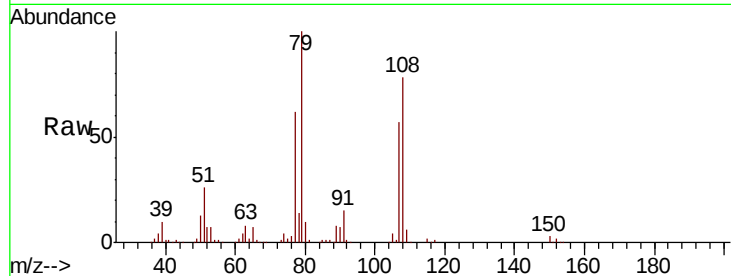
ClientSampleId :

SB-3MS

Tot Ion:	79	Resp:	320245
Ion Ratio	Lower	Upper	
79	100		
108	78.1	63.1	94.7
77	62.3	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.740 ng

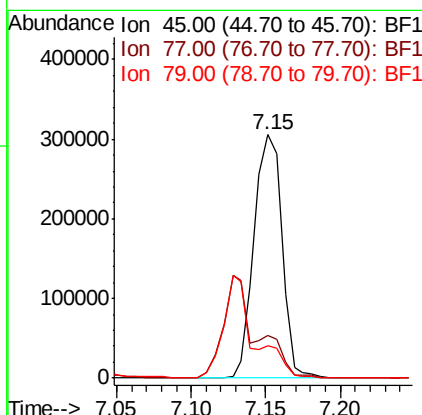
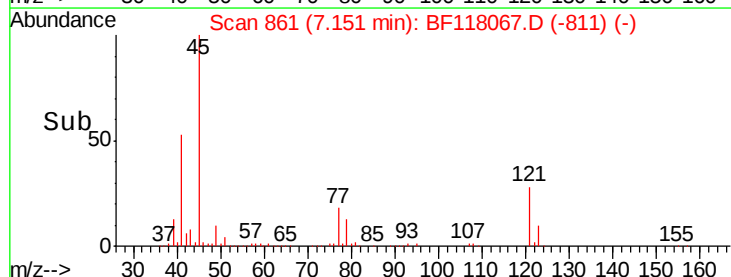
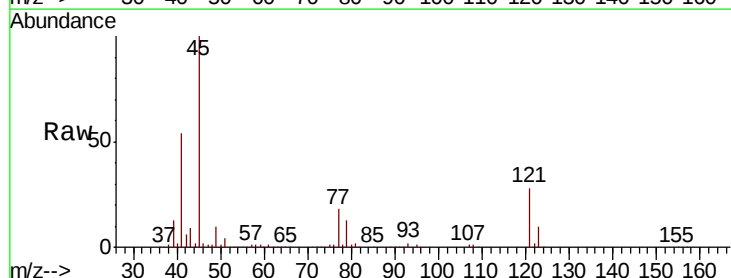
RT: 7.15 min Scan# 861

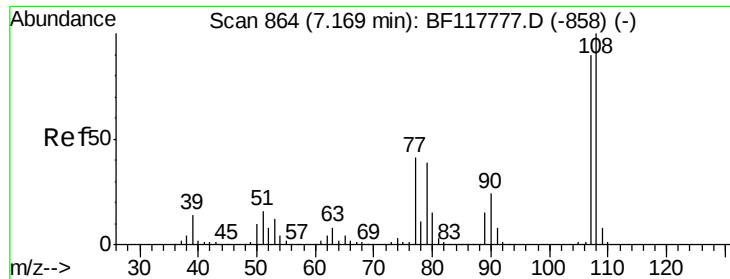
Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion:	45	Resp:	393703
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	36.8
79	13.1	0.0	33.5





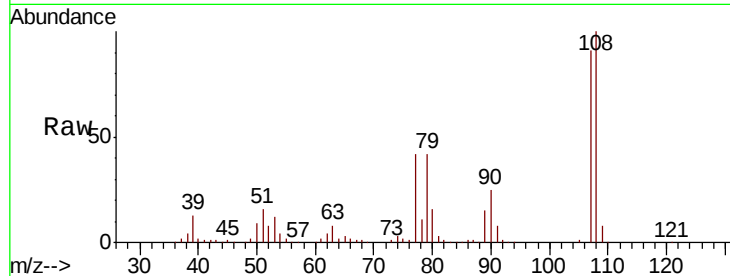
#17
2-Methylphenol
Concen: 42.574 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	89.8	134.8	
77	46.0	35.0	52.6	
79	46.0	35.0	52.6	

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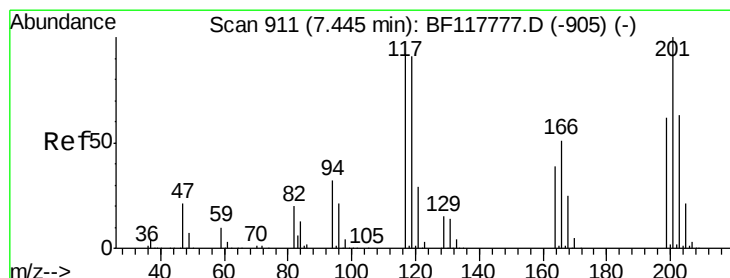
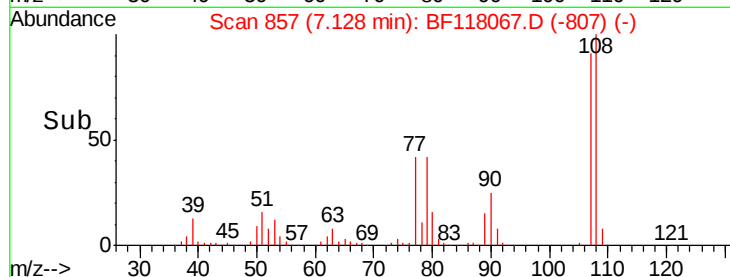
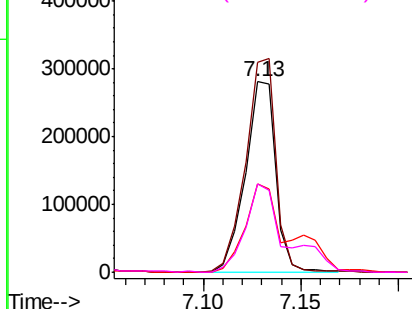
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

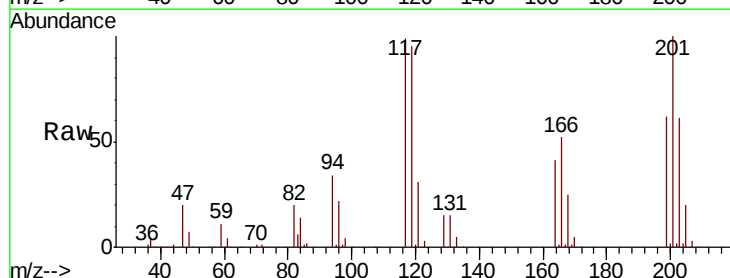
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.473 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.4	114.6	
201	101.0	71.7	107.5	

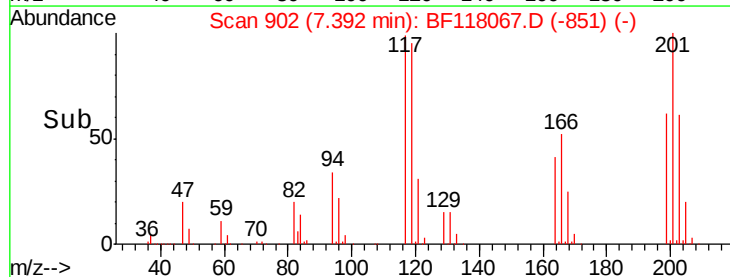
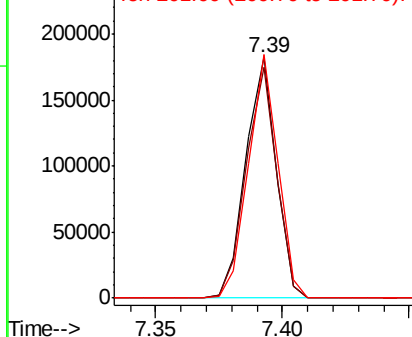


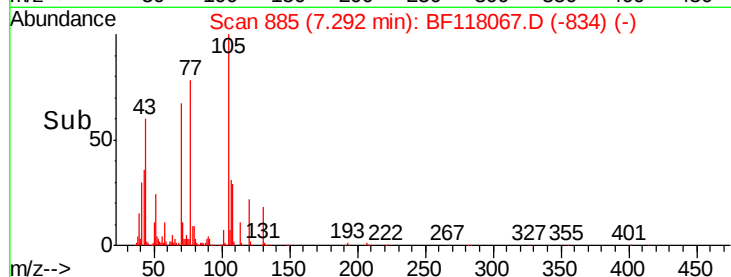
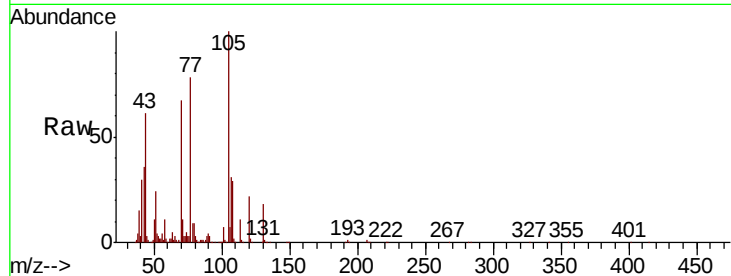
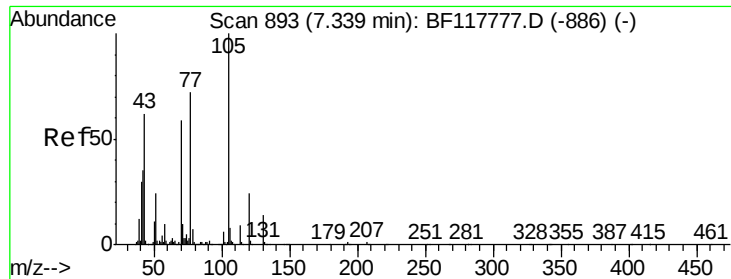
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





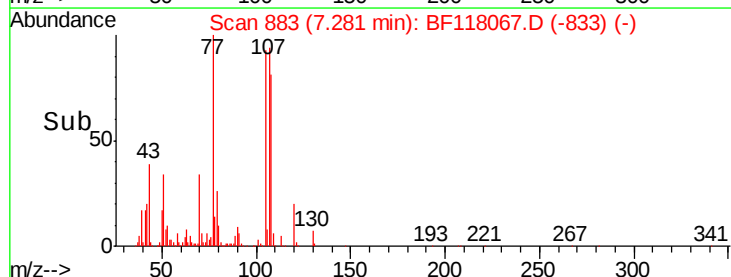
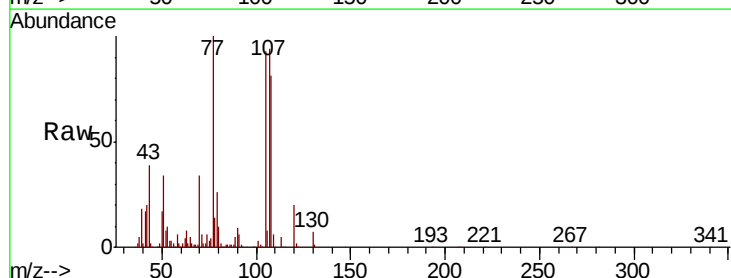
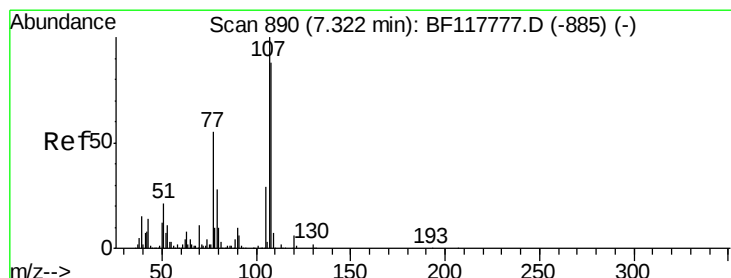
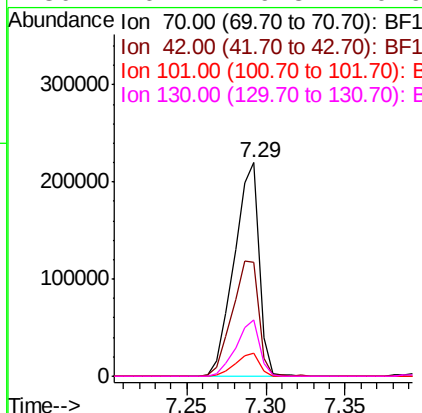
#19
n-Nitroso-di-n-propylamine
Concen: 41.406 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	46.0	69.0
101	11.1	8.8	13.2
130	26.4	19.8	29.6

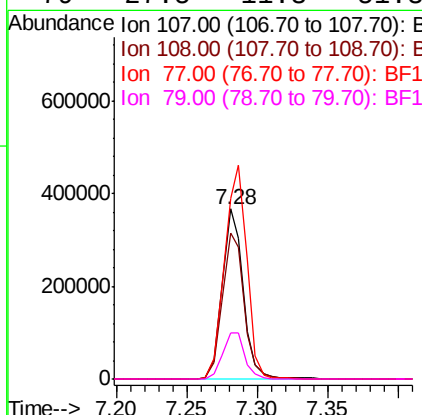
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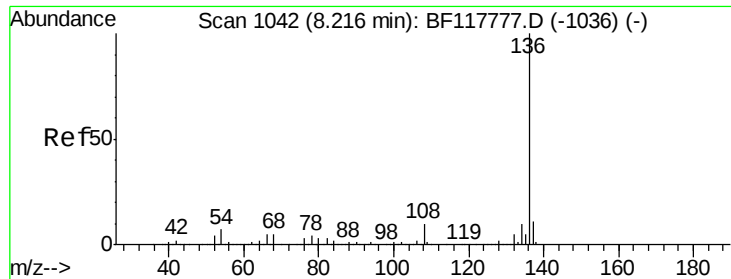
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#20
3+4-Methylphenols
Concen: 42.631 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.9	111.9
77	106.3	91.6	131.6
79	27.5	11.3	51.3





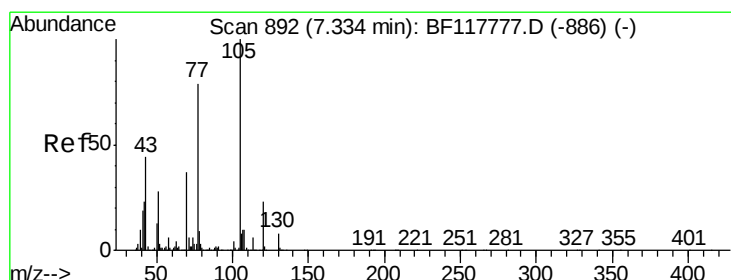
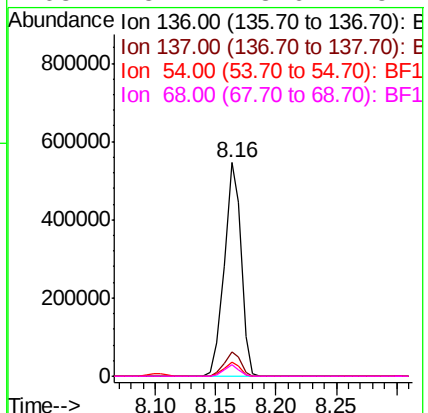
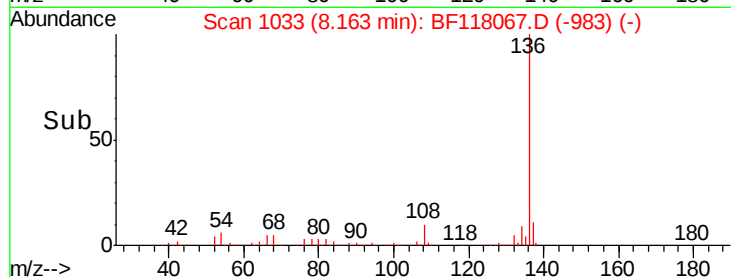
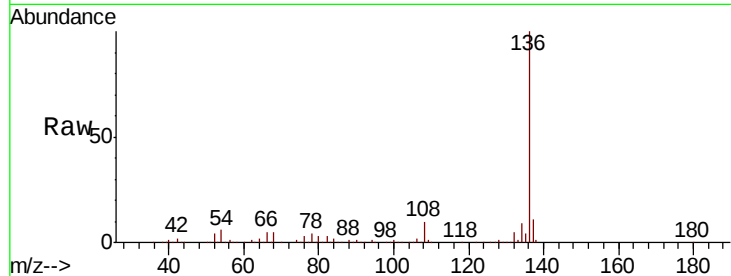
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		525239		
137	11.3	9.1	13.7		
54	6.3	4.9	7.3		
68	5.2	3.6	5.4		

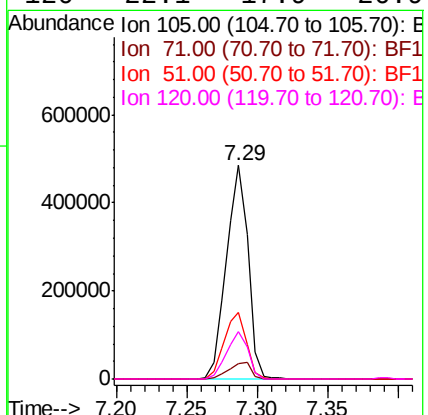
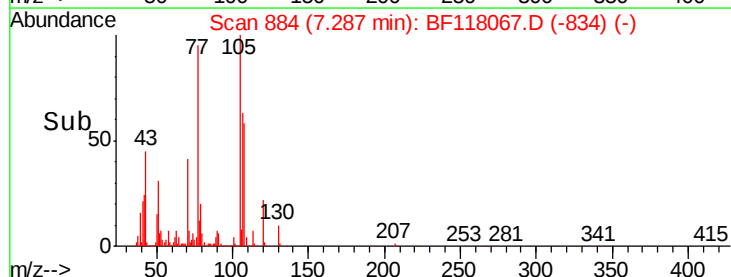
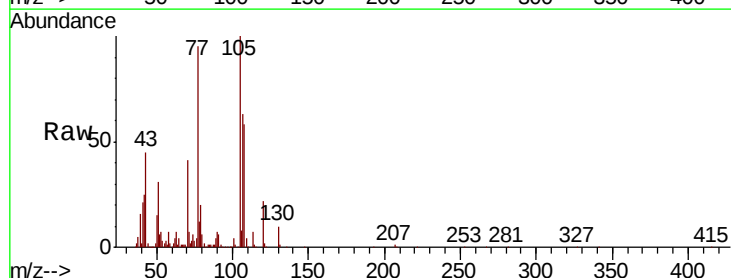
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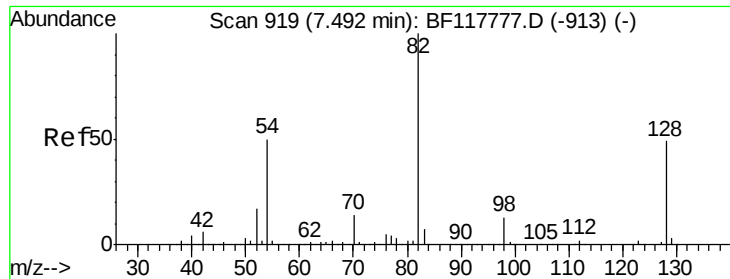
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#22
Acetophenone
Concen: 43.890 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		517920		
71	7.0	5.9	8.9		
51	31.0	20.2	30.2#		
120	22.1	17.9	26.9		





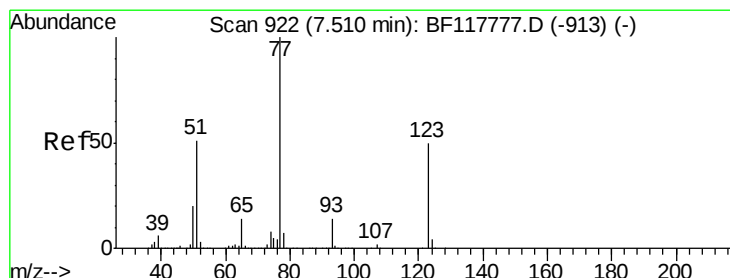
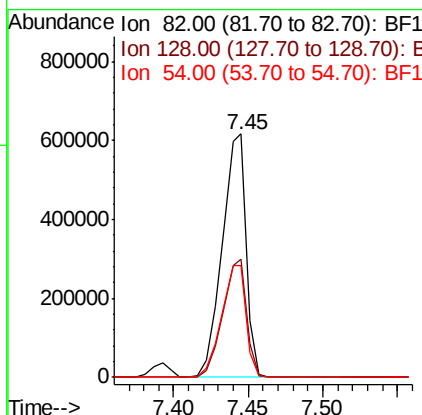
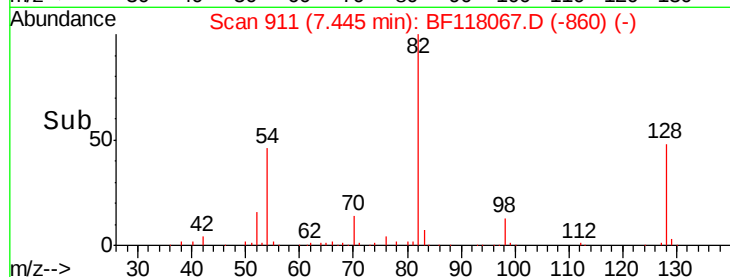
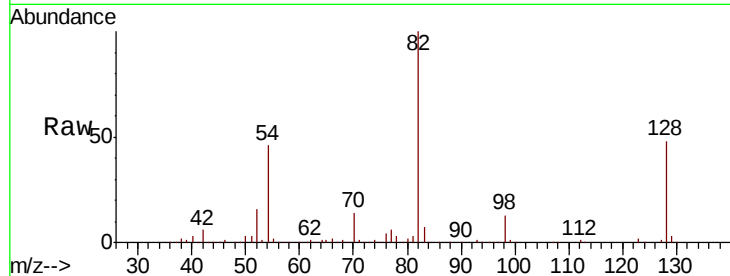
#23
Nitrobenzene-d5
Concen: 79.256 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.2	57.4
54	45.7	39.0	58.4

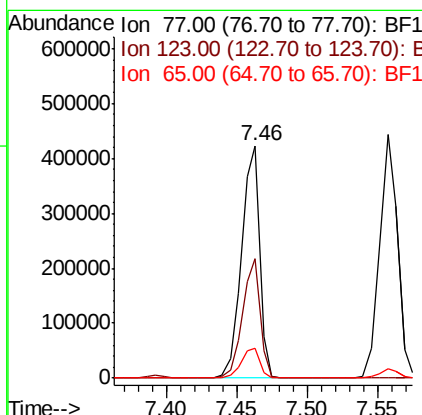
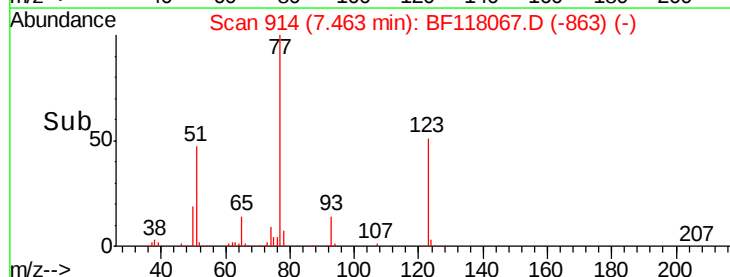
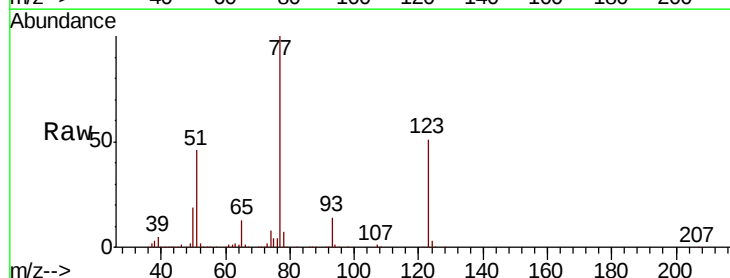
Manual Integrations
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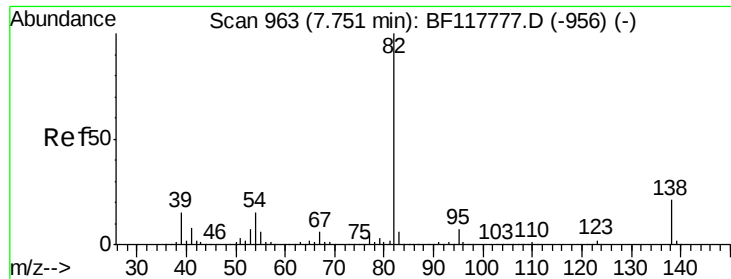
mohammad
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#24
Nitrobenzene
Concen: 41.357 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	38.2	57.2
65	13.0	11.1	16.7





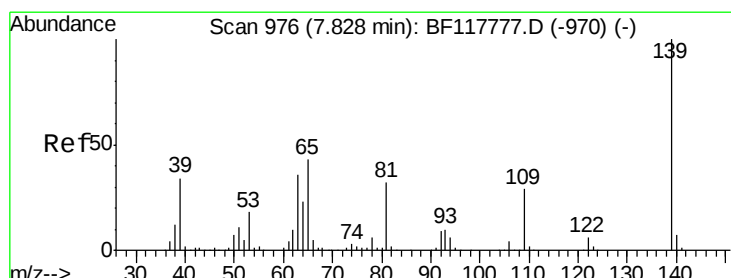
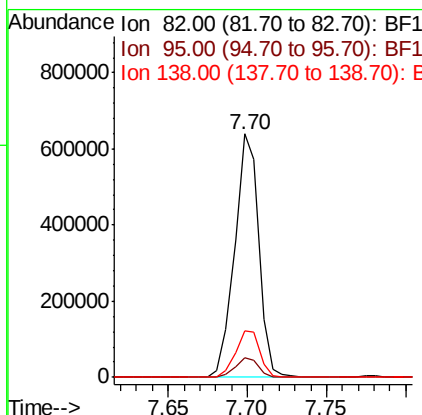
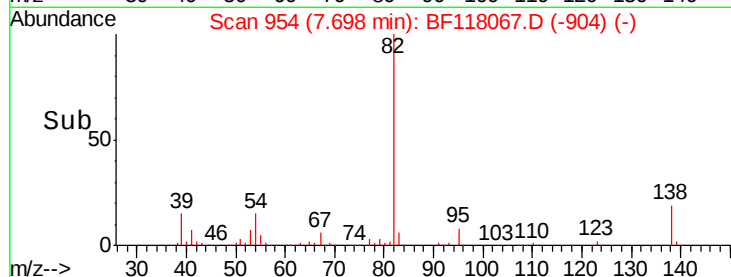
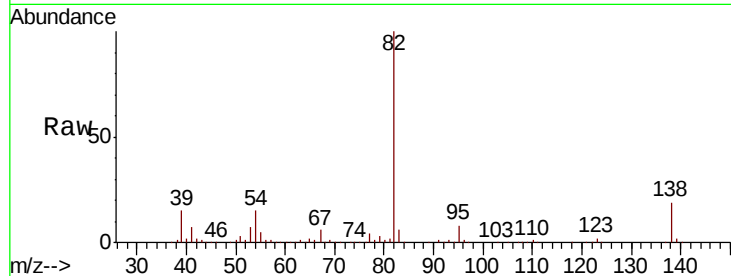
#25
Isophorone
Concen: 41.600 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	673691		
95	8.0		6.2	9.2
138	18.9		15.9	23.9

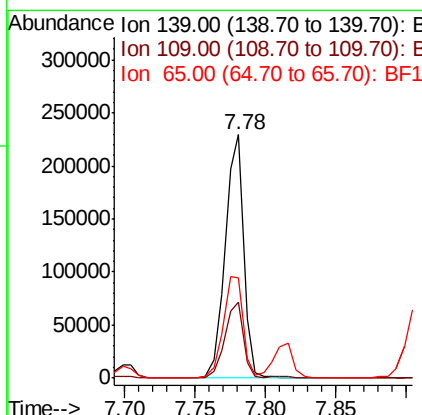
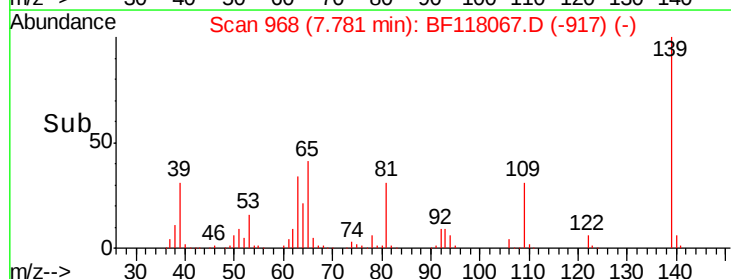
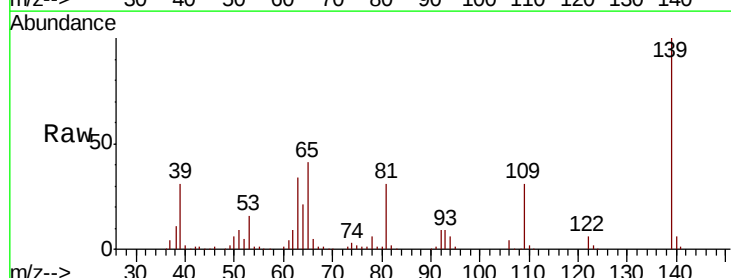
Manual Integrations
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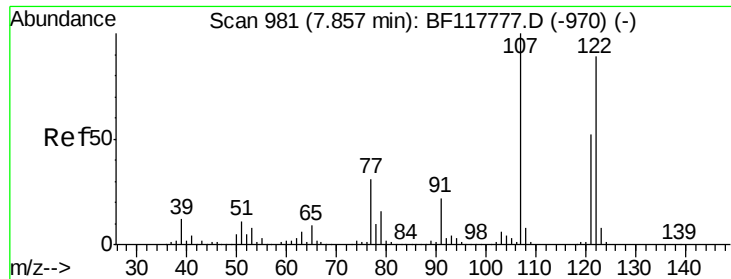
mohammad
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#26
2-Nitrophenol
Concen: 47.172 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	209282		
109	31.1		23.8	35.6
65	41.3		36.2	54.4





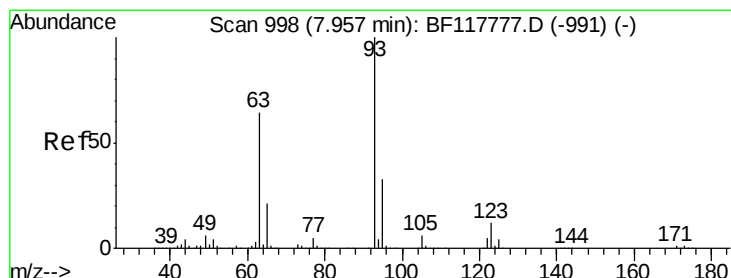
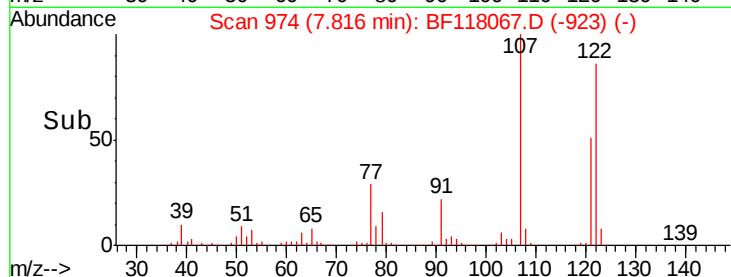
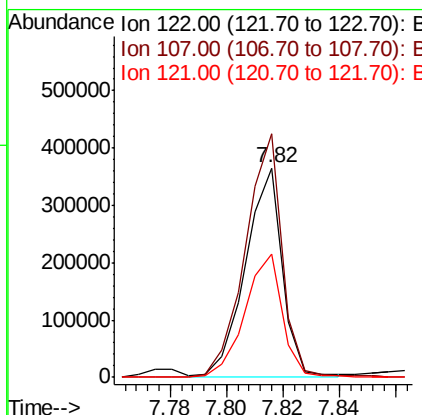
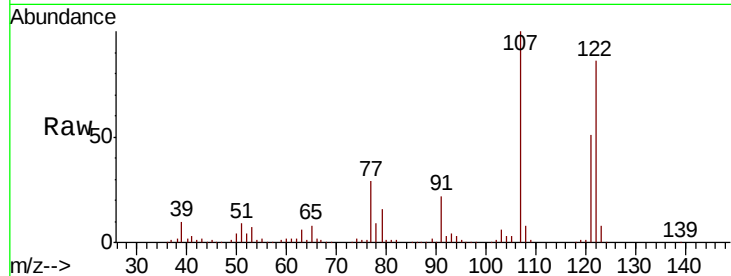
#27
2,4-Dimethylphenol
Concen: 48.121 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	92.6	138.8
121	58.8	46.9	70.3

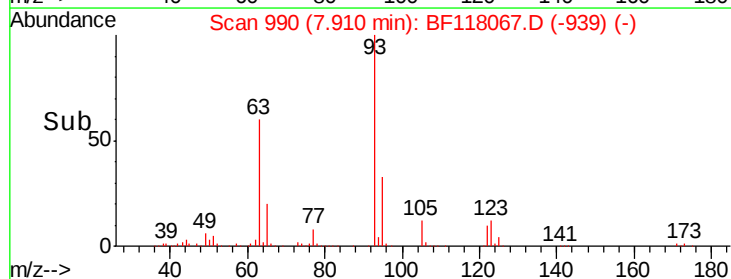
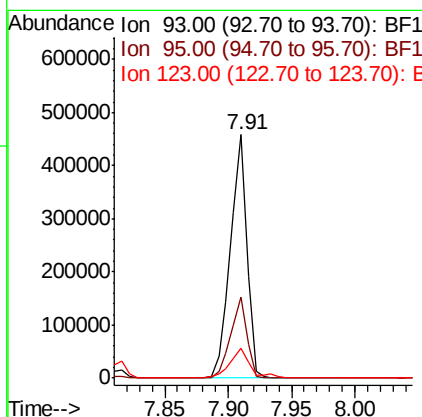
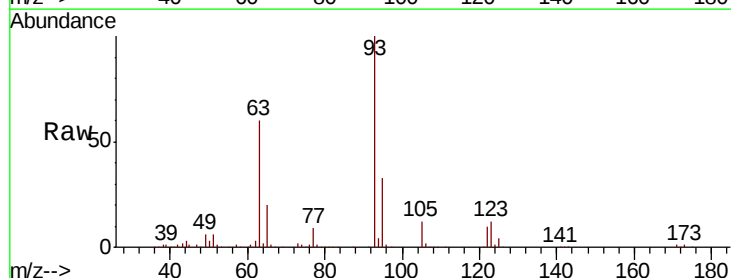
Manual Integrations
APPROVED

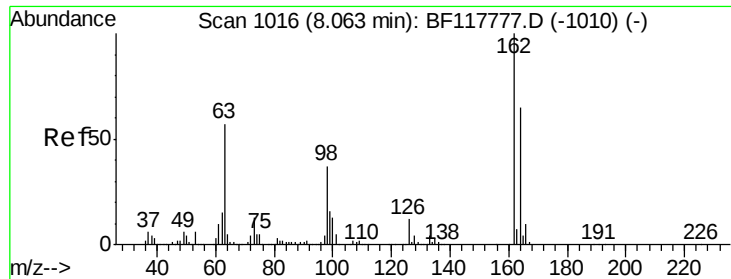
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.316 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	12.4	10.2	15.4





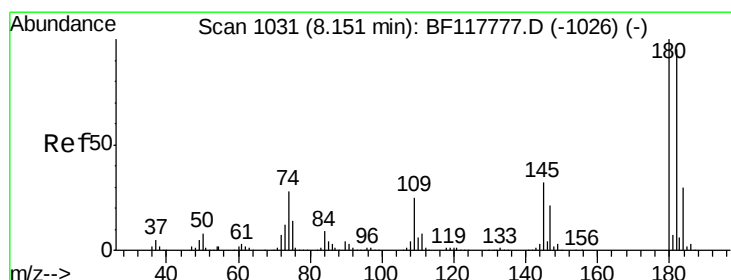
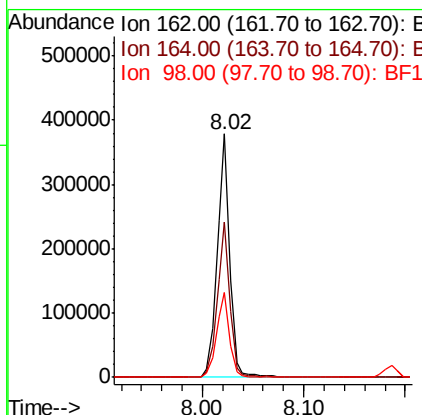
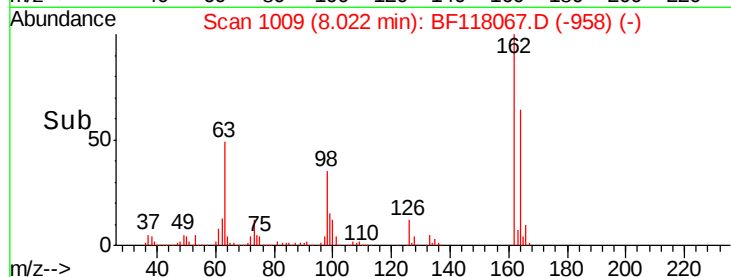
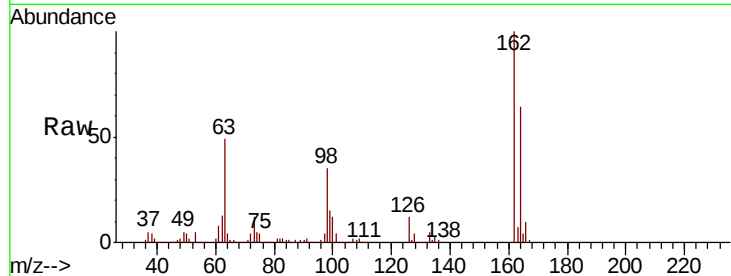
#29
2,4-Dichlorophenol
Concen: 43.172 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322837		
164	63.8	42.9	82.9	
98	35.1	16.7	56.7	

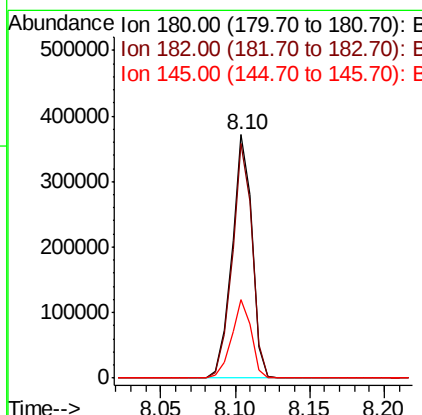
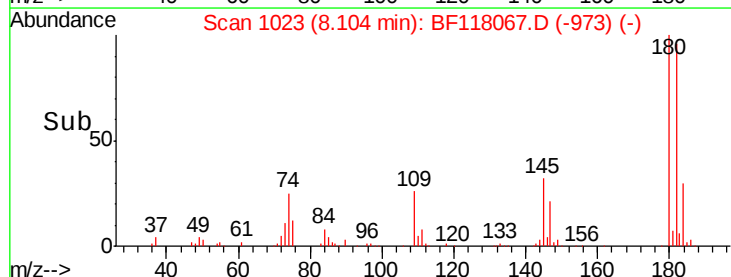
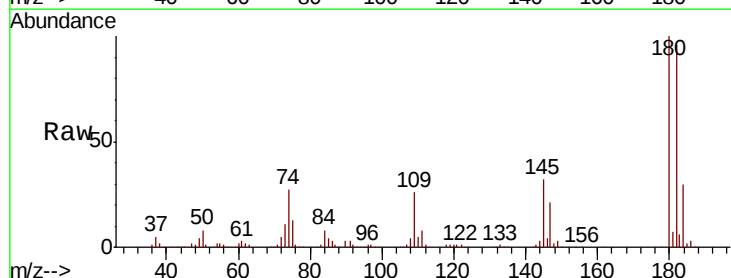
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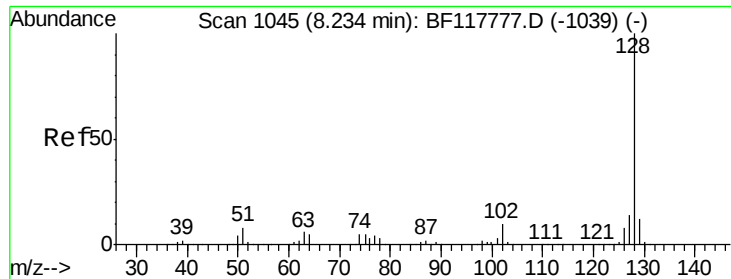
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#30
1,2,4-Trichlorobenzene
Concen: 40.741 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	353379		
182	96.4	76.6	114.8	
145	32.2	25.1	37.7	





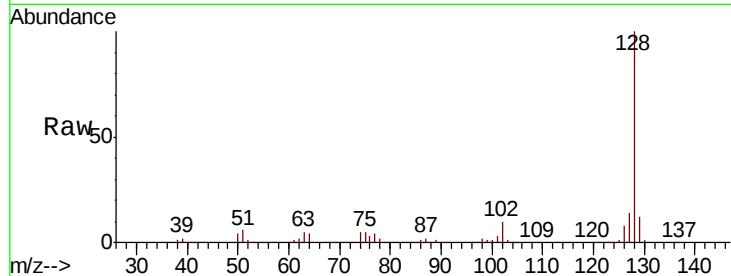
#31
Naphthalene
Concen: 45.178 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

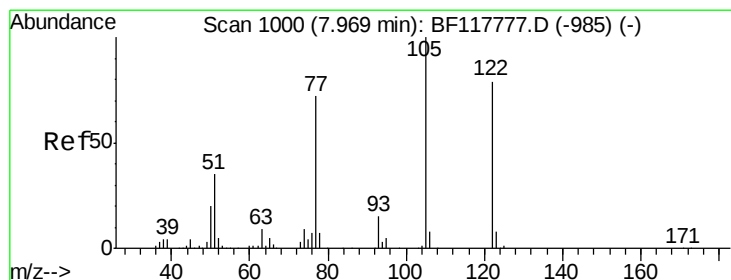
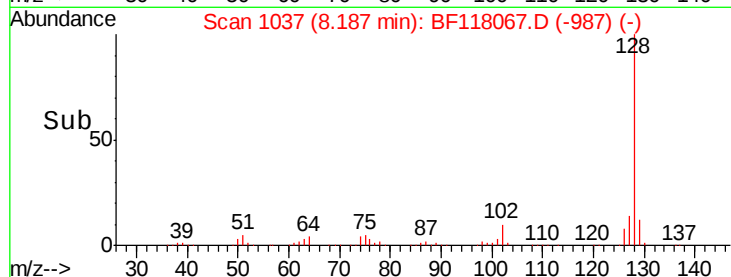
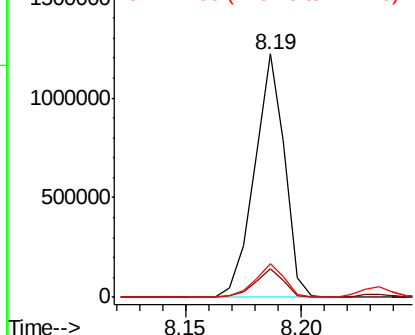
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.8	10.6	16.0

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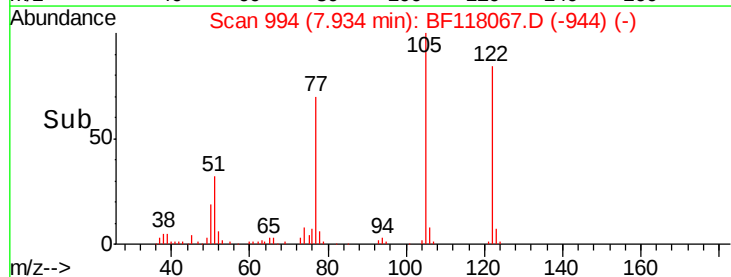
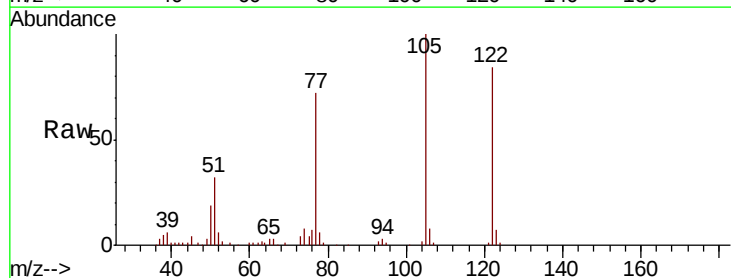
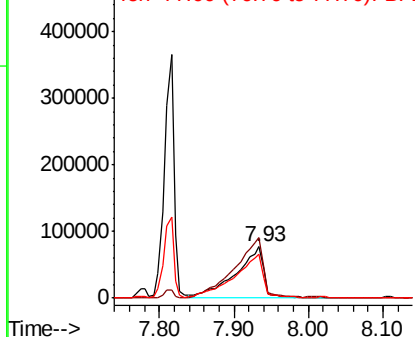
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

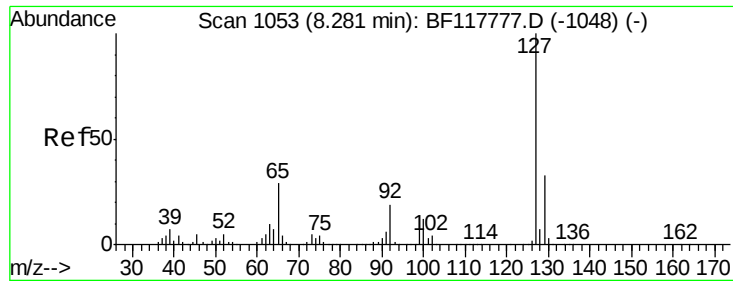


#32
Benzoic acid
Concen: 34.799 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.7	101.4	141.4
77	86.2	66.4	106.4

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





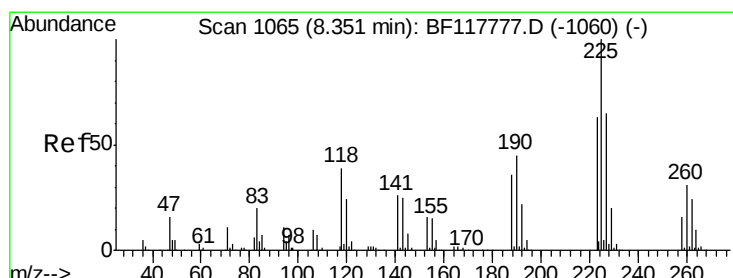
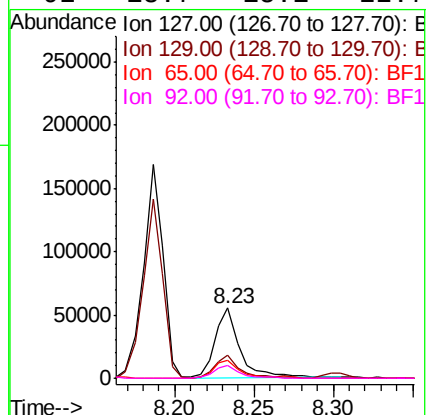
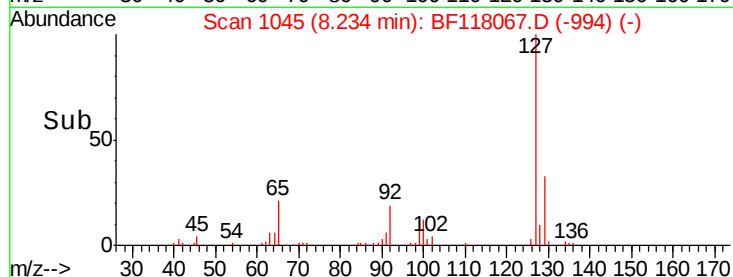
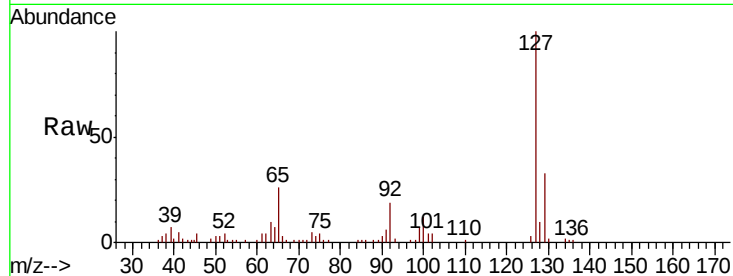
#33
4-Chloroaniline
Concen: 5.422 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.4	38.0		
65	25.8	23.4	35.0		
92	18.7	15.1	22.7		

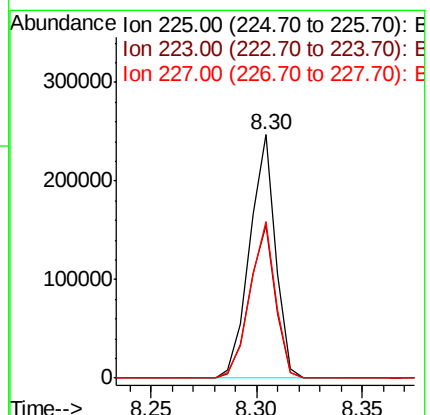
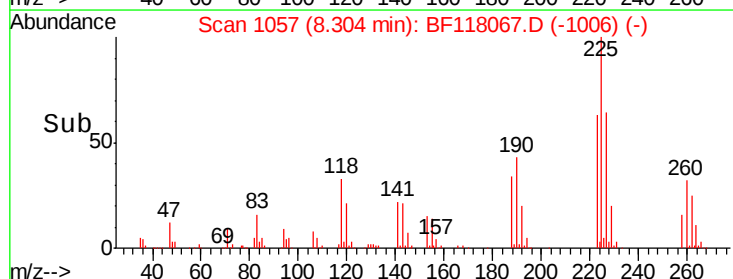
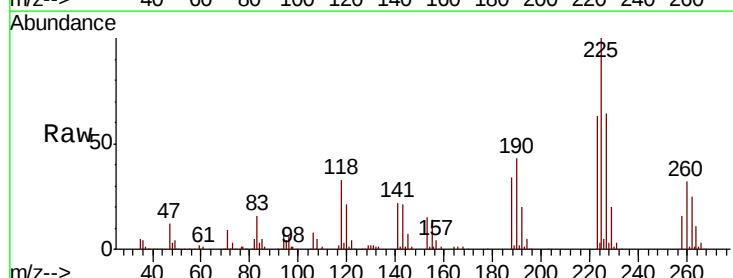
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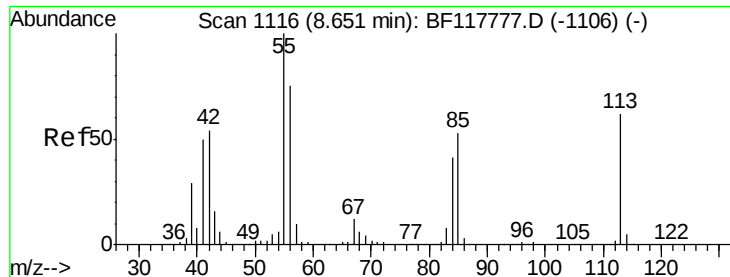
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#34
Hexachlorobutadiene
Concen: 41.268 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.4	77.2		
227	64.2	52.6	78.8		





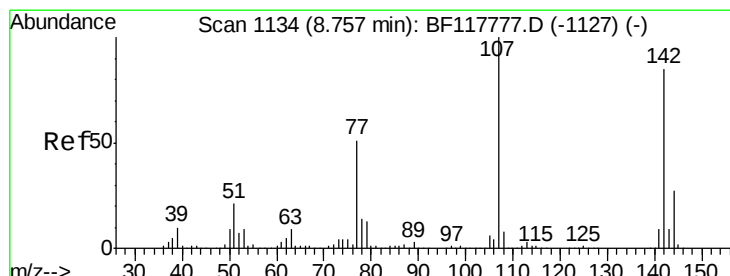
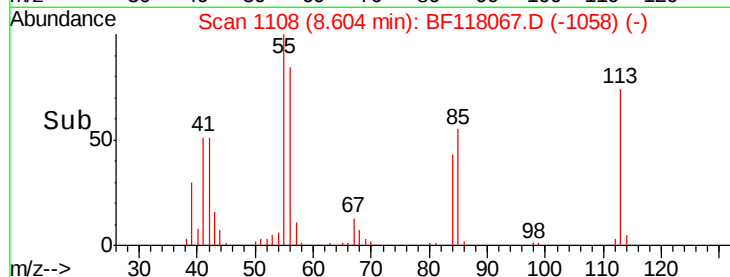
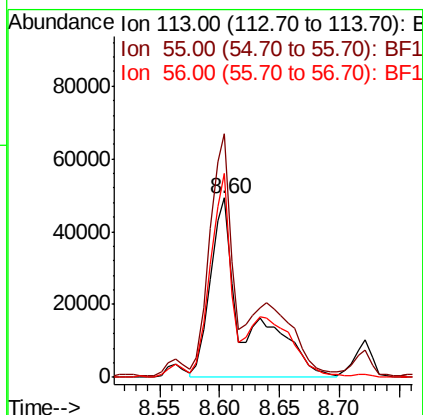
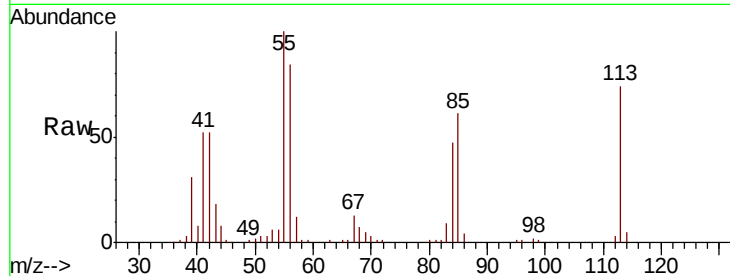
#35
Caprolactam
Concen: 42.283 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		100490		
55	135.7		125.5	165.5	
56	113.5		88.0	128.0	

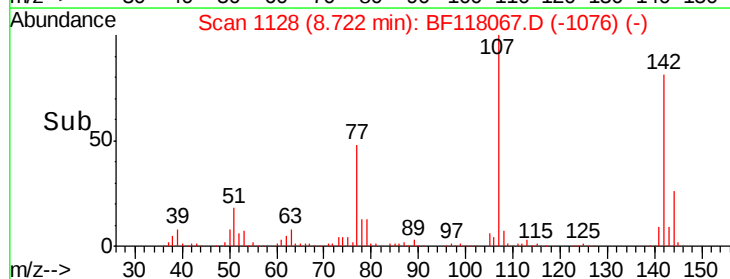
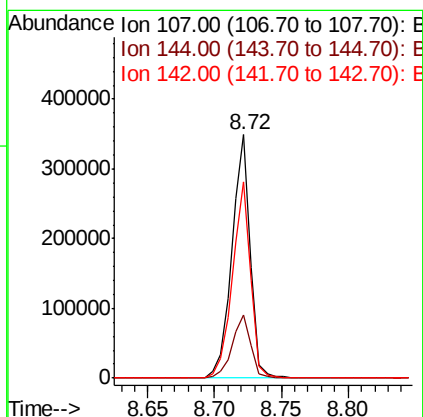
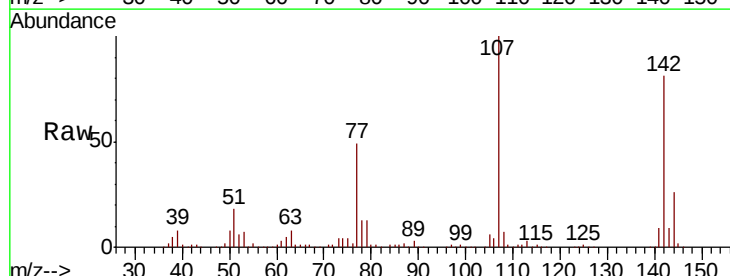
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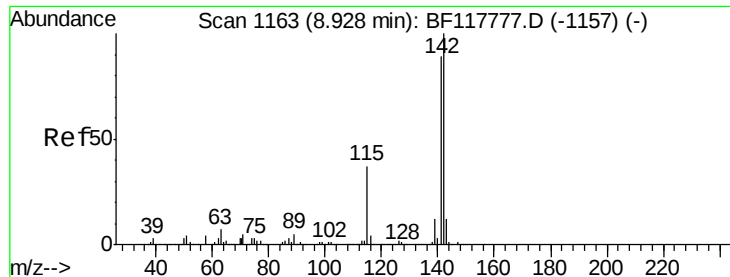
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#36
4-Chloro-3-methylphenol
Concen: 44.670 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		339001		
144	26.1		20.6	30.8	
142	80.7		62.5	93.7	





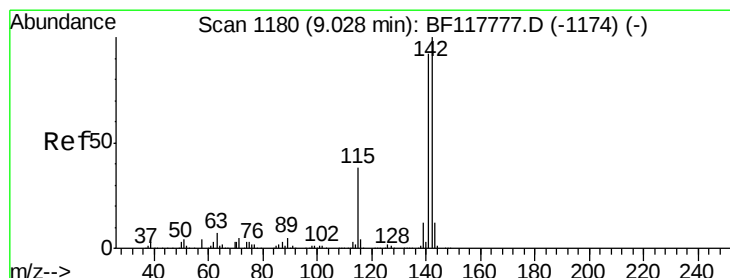
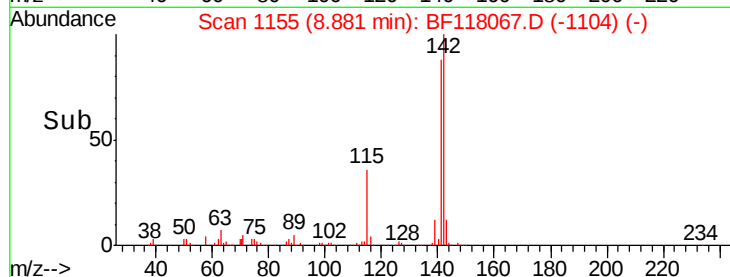
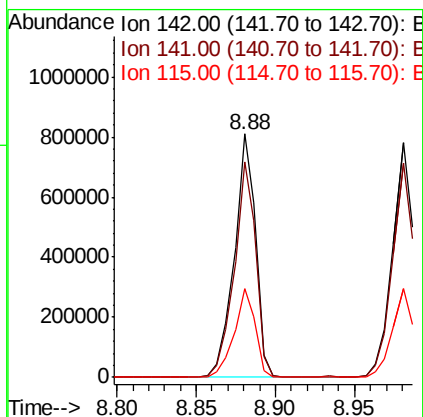
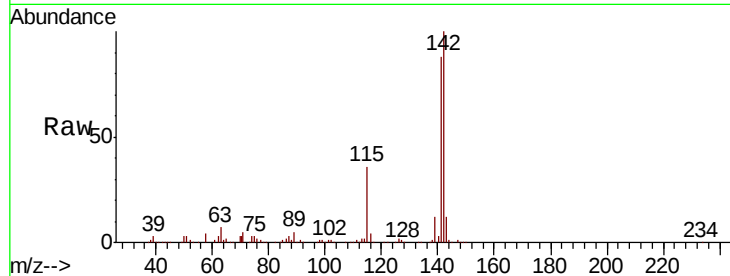
#37
2-Methylnaphthalene
Concen: 45.784 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.4
115	36.3	29.2	43.8

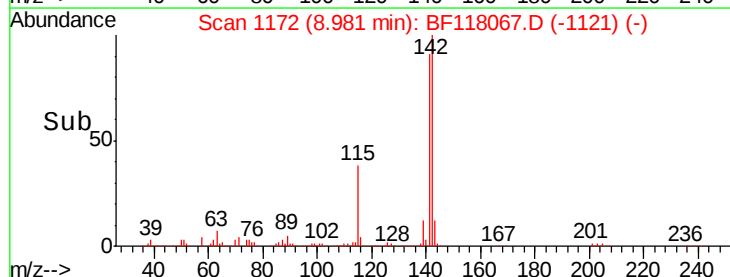
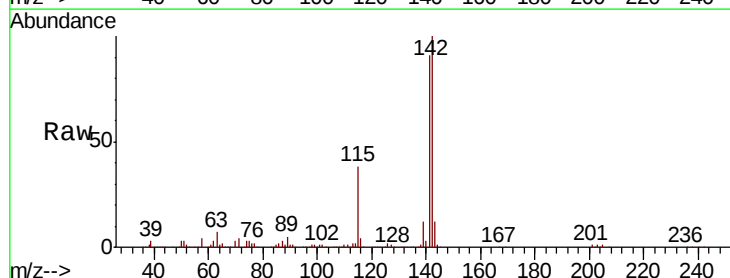
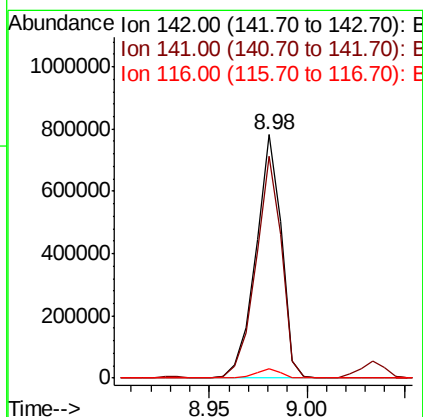
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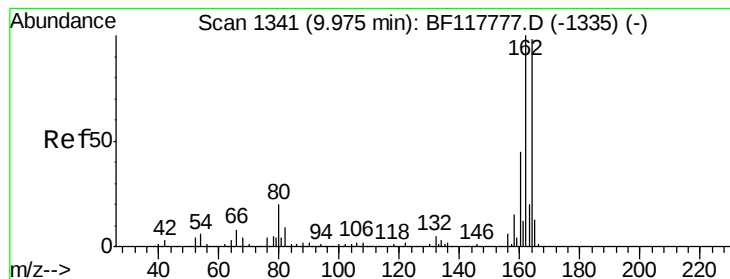
mohammad
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#38
1-Methylnaphthalene
Concen: 45.002 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.6	110.4
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

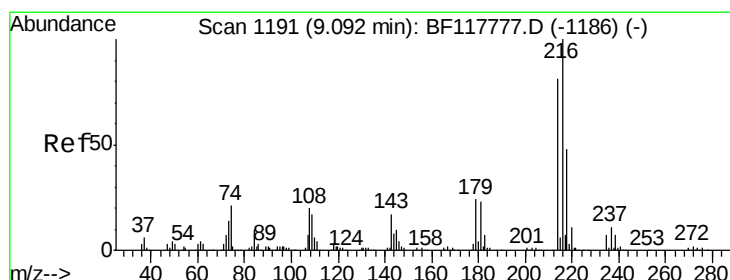
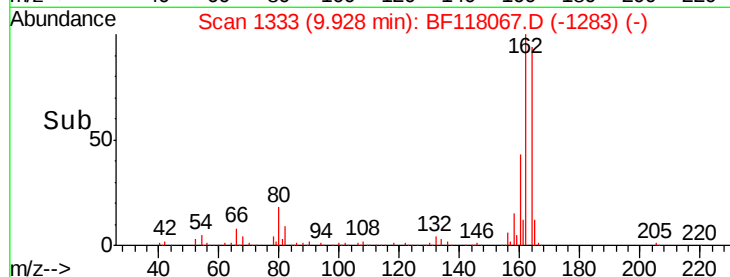
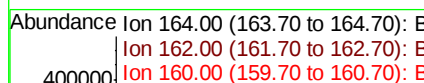
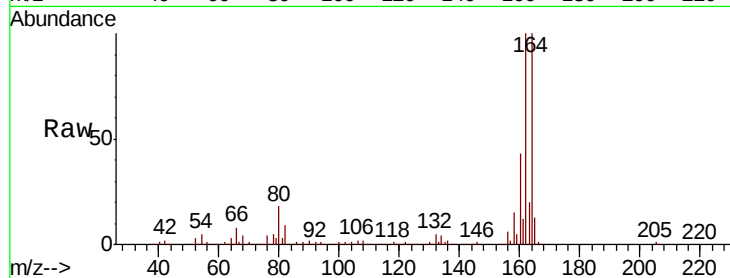
ClientSampleId :

SB-3MS

Tot Ion:	164	Resp:	284172
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.8	122.8
160	43.1	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.008 ng

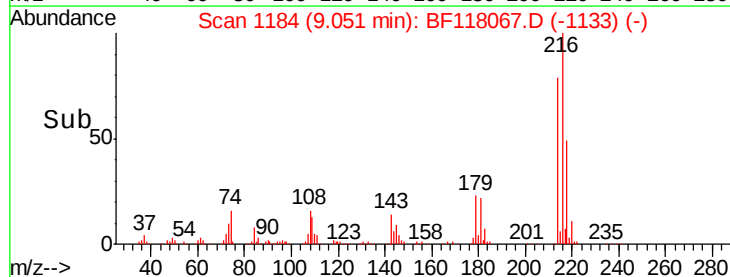
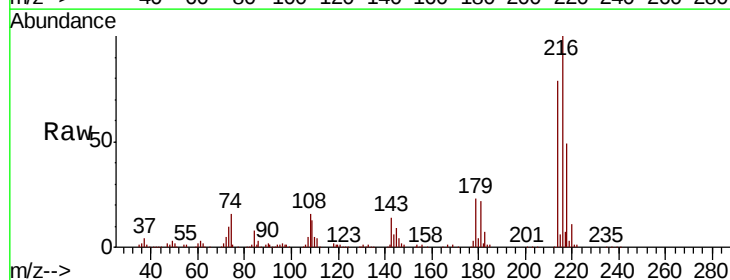
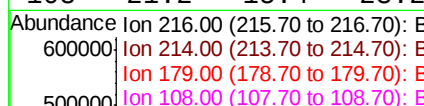
RT: 9.05 min Scan# 1184

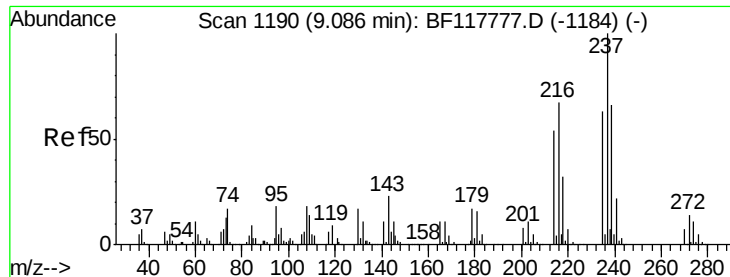
Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion:	216	Resp:	338424
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	22.9	18.5	27.7
108	21.2	15.4	23.2





#41

Hexachlorocyclopentadiene

Concen: 80.098 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

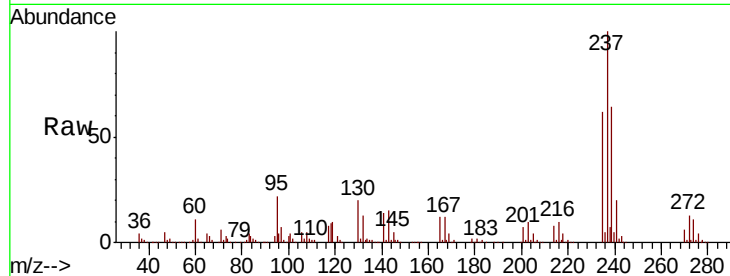
ClientSampled :

SB-3MS

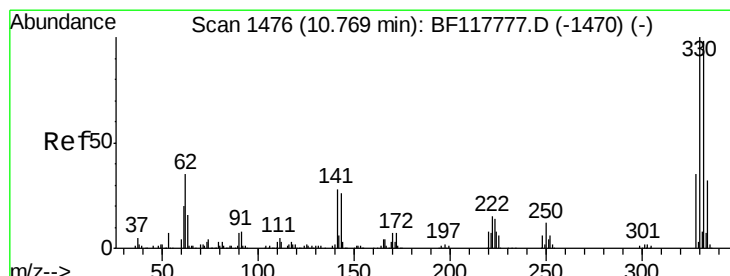
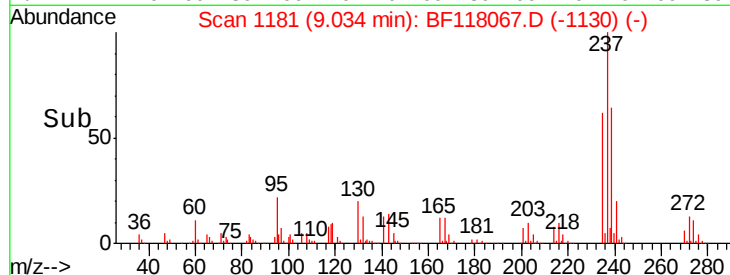
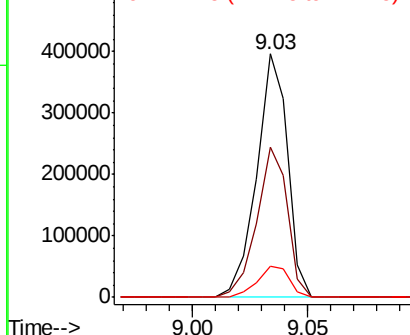
Tot Ion:	237	Resp:	370434
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.7	83.7
272	12.6	0.0	32.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.407 ng

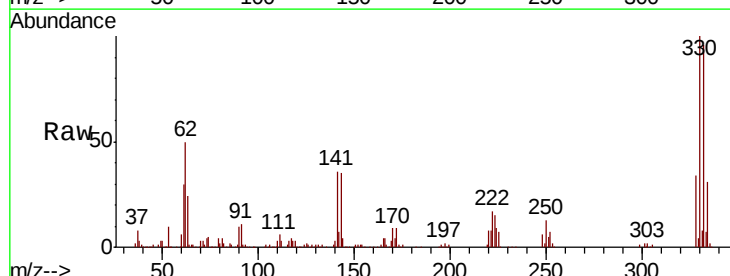
RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

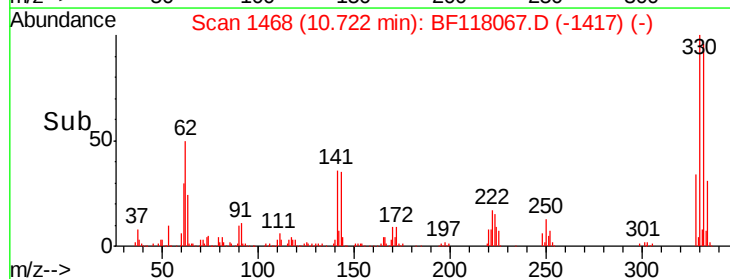
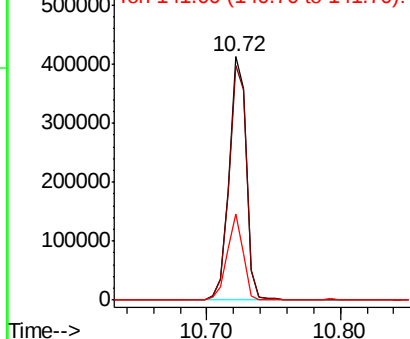
Lab File: BF118067.D

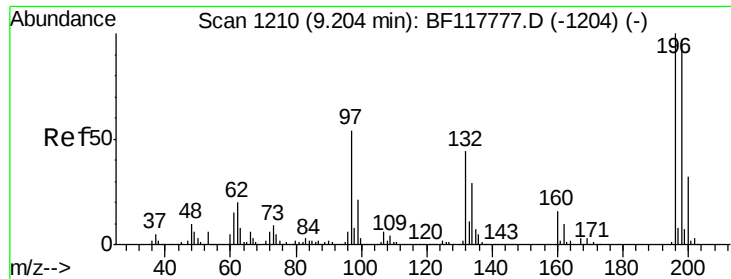
Acq: 3 Dec 2019 17:33

Tgt Ion:	330	Resp:	377287
Ion Ratio	Lower	Upper	
330	100		
332	98.2	78.3	117.5
141	33.3	26.4	39.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





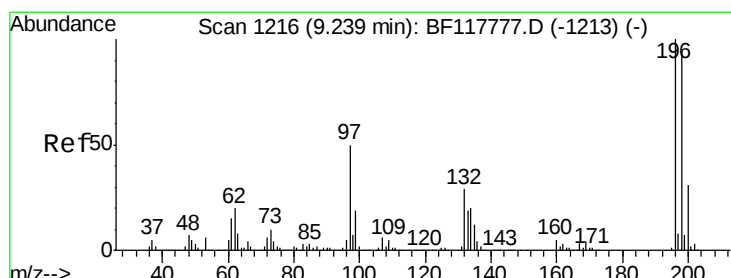
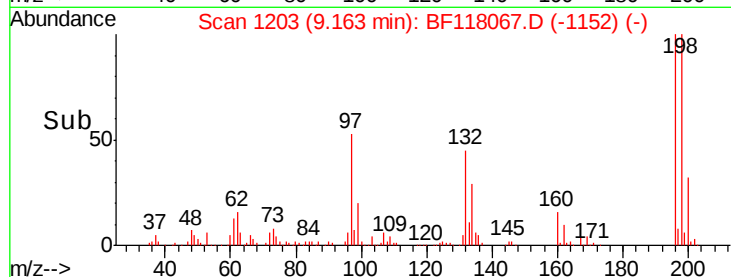
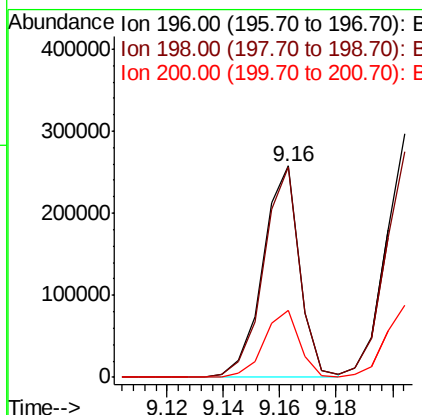
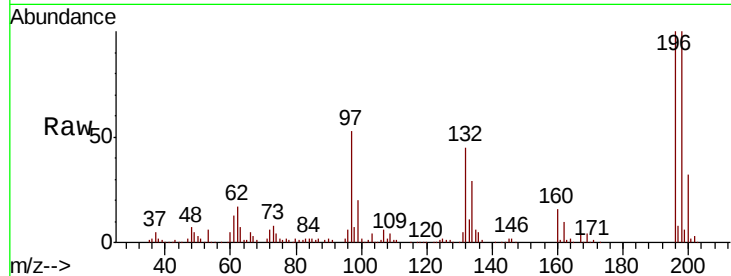
#43
 2,4,6-Trichlorophenol
 Concen: 39.225 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampled :
 SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	231861		
198	99.6	76.9	115.3	
200	31.7	24.2	36.4	

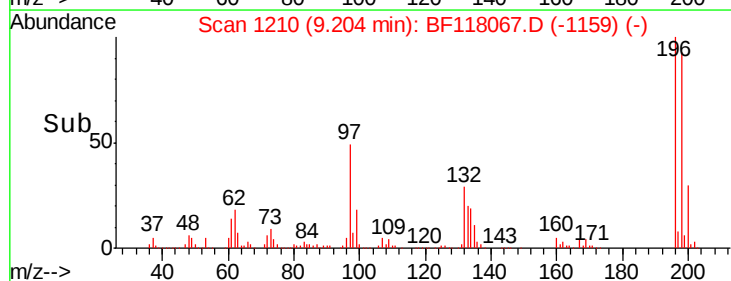
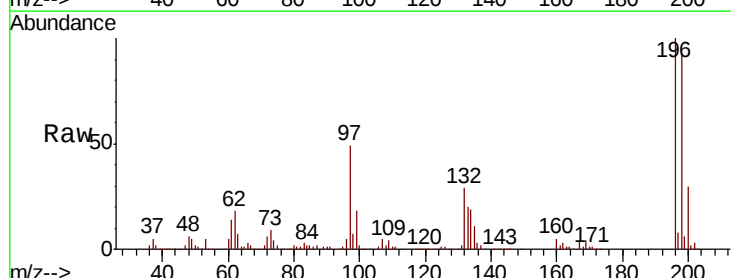
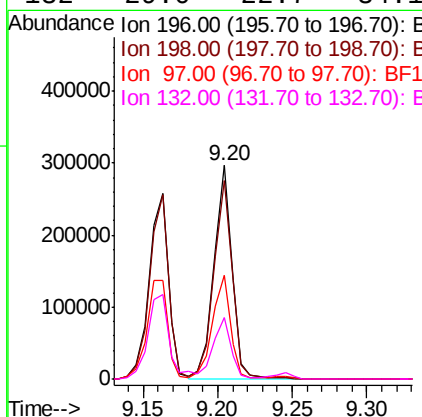
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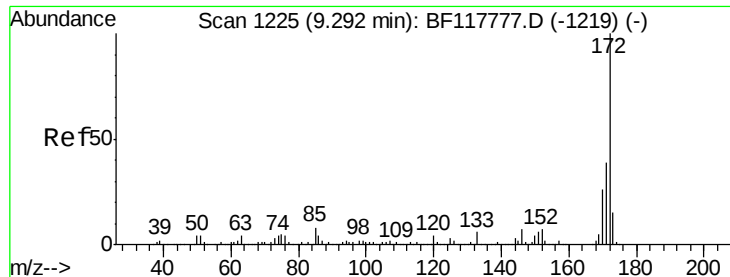
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.736 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250011		
198	92.9	78.1	117.1	
97	48.7	37.4	56.2	
132	29.0	22.7	34.1	





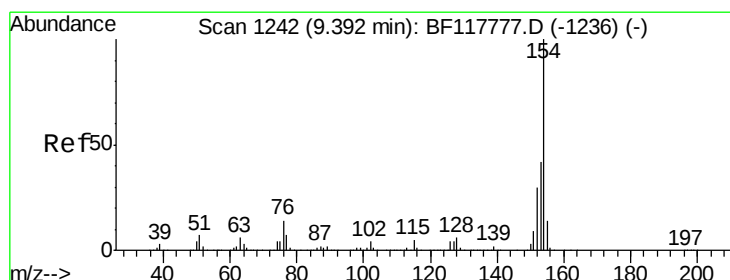
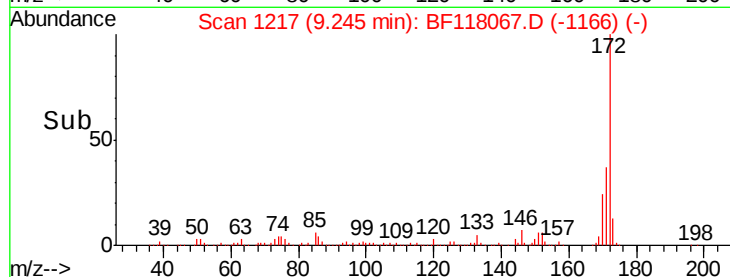
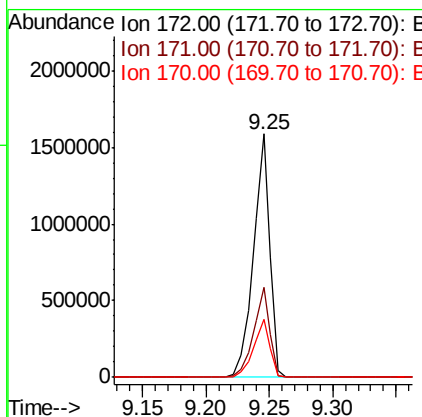
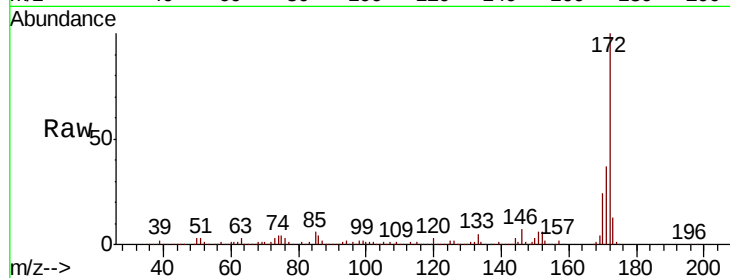
#45
2-Fluorobiphenyl
Concen: 90.312 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.1	19.3	28.9

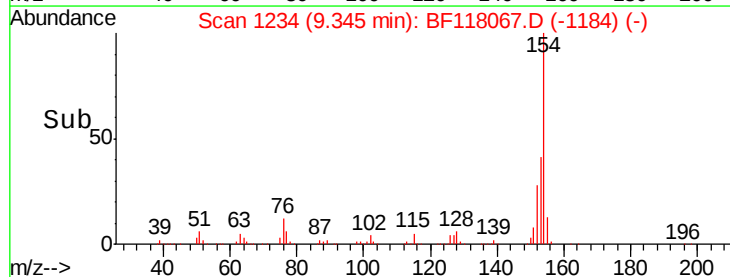
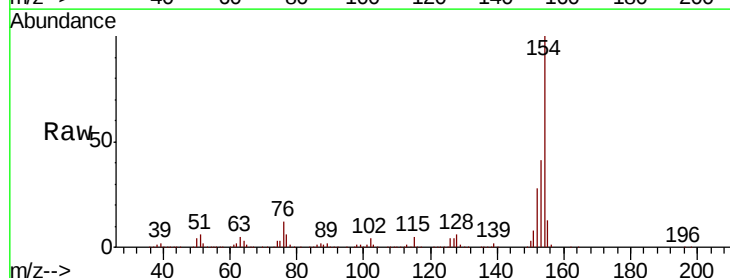
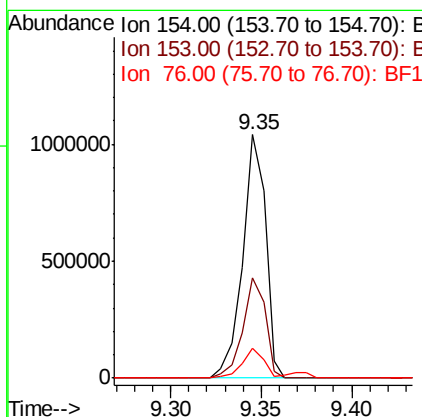
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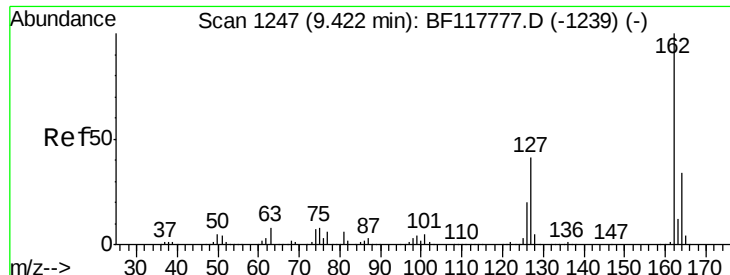
mohammad
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#46
1,1'-Biphenyl
Concen: 43.305 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	12.1	0.0	30.8





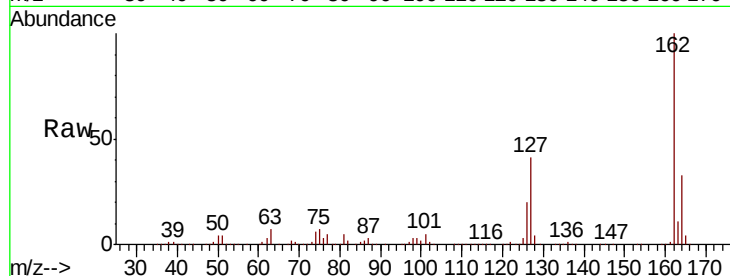
#47
2-Chloronaphthalene
Concen: 40.856 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.6	52.0
164	33.5	26.0	39.0

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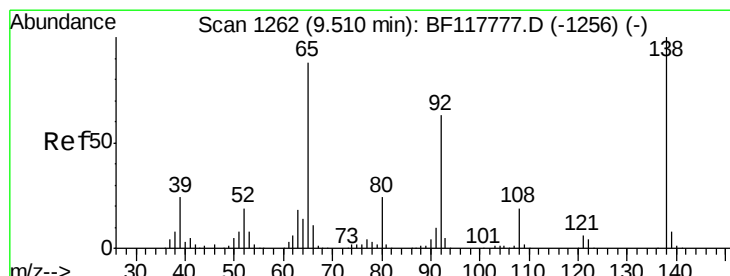
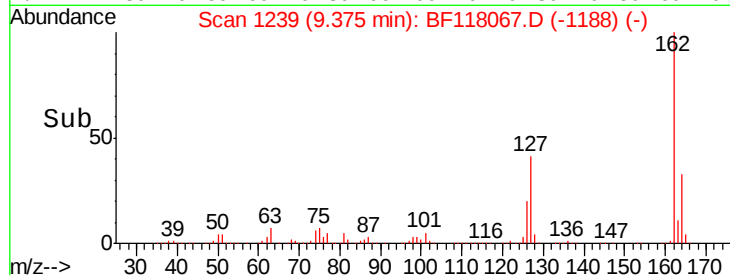
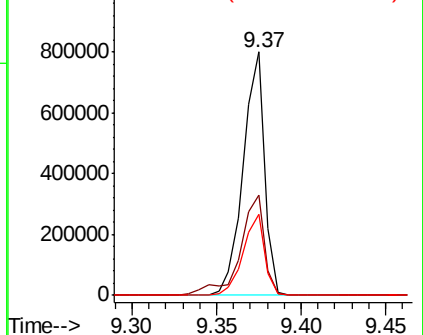


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.401 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

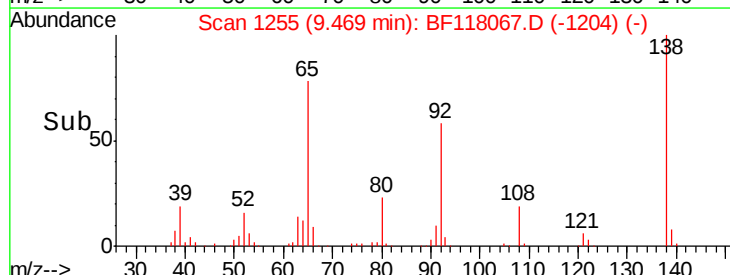
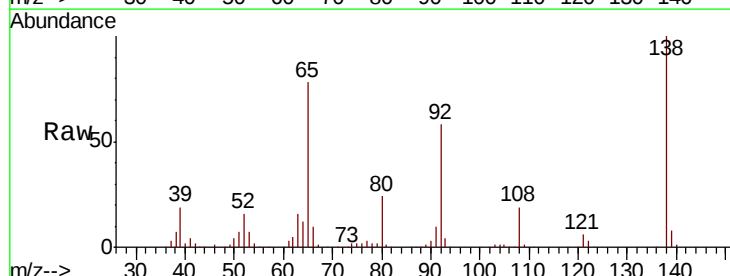
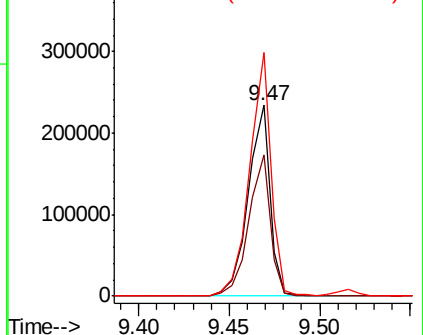
Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.9	86.9
138	127.6	96.2	144.2

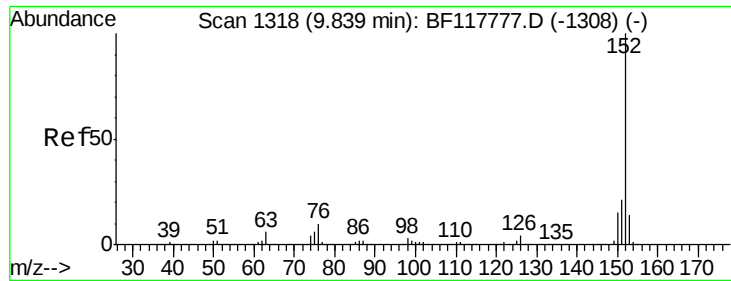
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

Tot Ion:152 Resp: 1128832

Ion Ratio Lower Upper

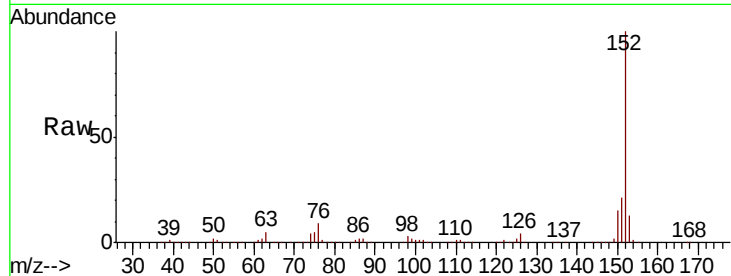
152 100

151 20.9 16.7 25.1

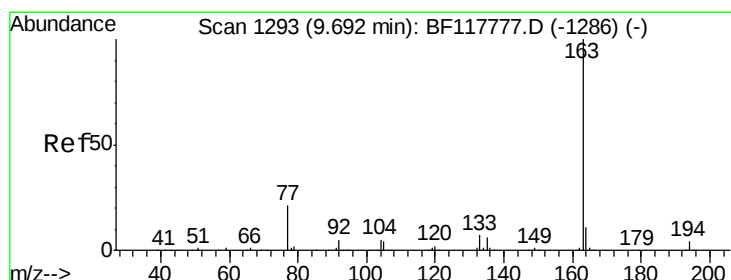
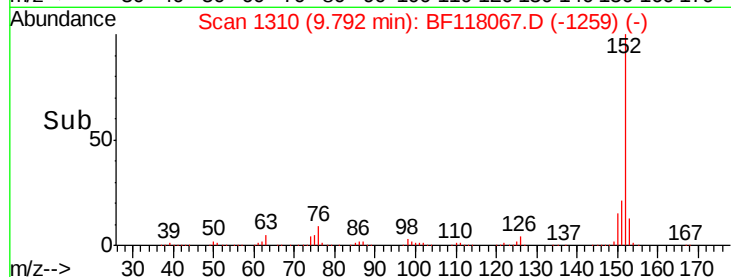
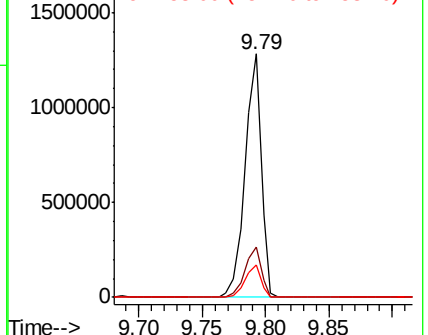
153 13.4 11.1 16.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.226 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

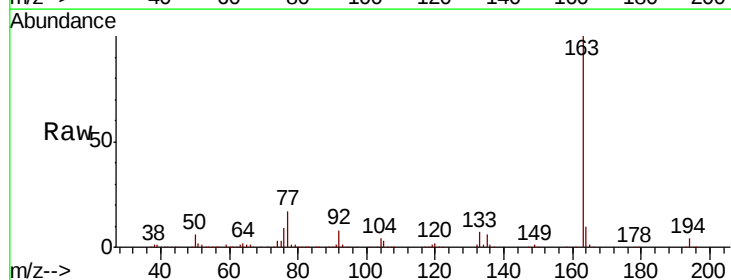
Tgt Ion:163 Resp: 961017

Ion Ratio Lower Upper

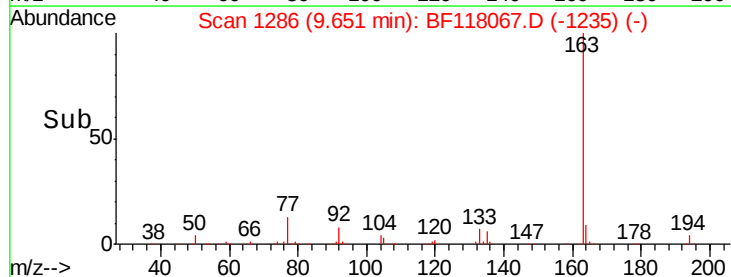
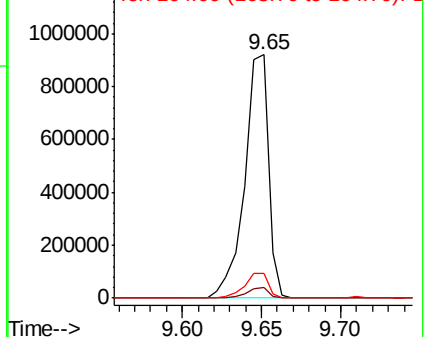
163 100

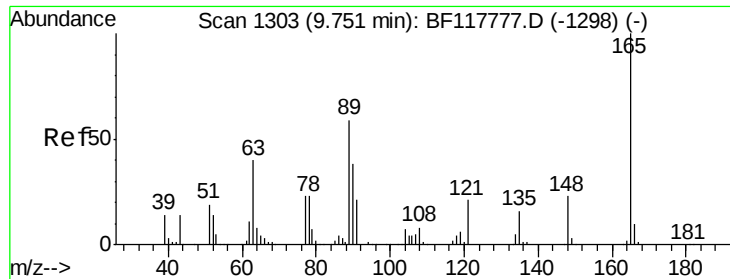
194 4.2 3.1 4.7

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





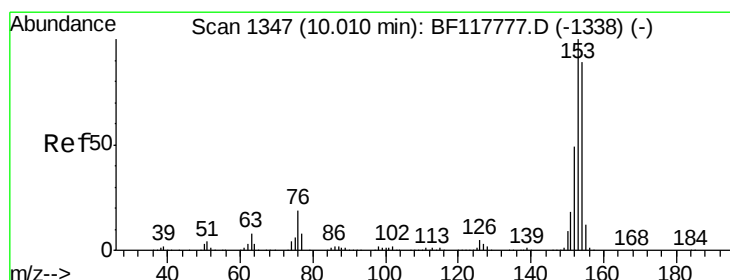
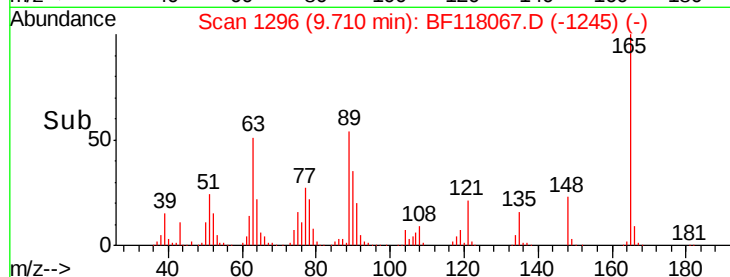
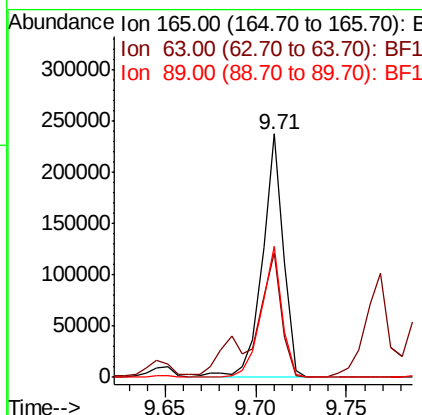
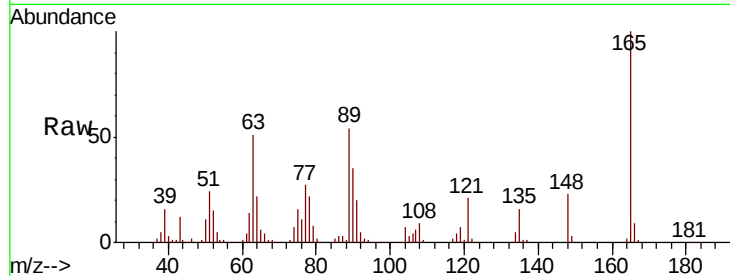
#51
2,6-Dinitrotoluene
Concen: 44.007 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191660		
63	51.4	43.9	65.9	
89	54.0	45.5	68.3	

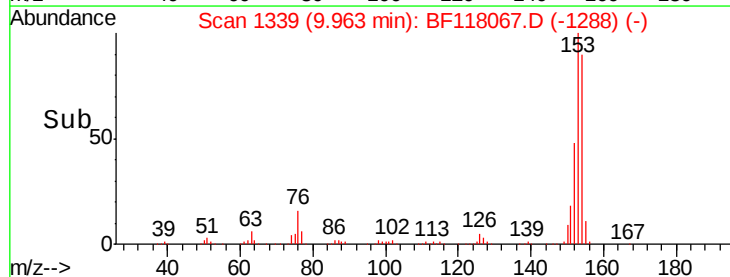
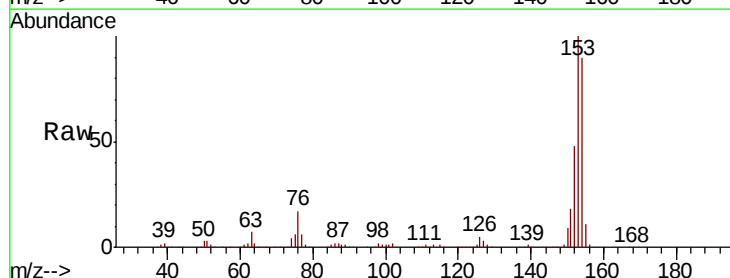
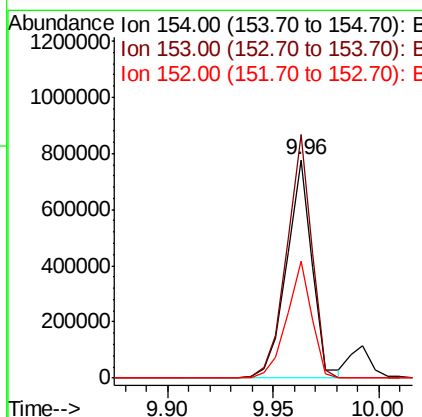
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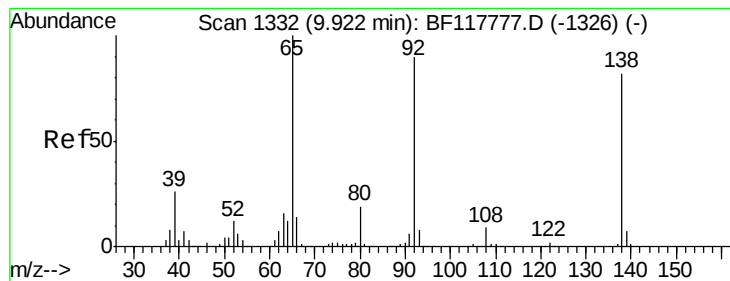
mohammad
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#52
Acenaphthene
Concen: 40.567 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	657134		
153	111.7	91.2	136.8	
152	53.7	43.6	65.4	





#53

3-Nitroaniline

Concen: 11.044 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

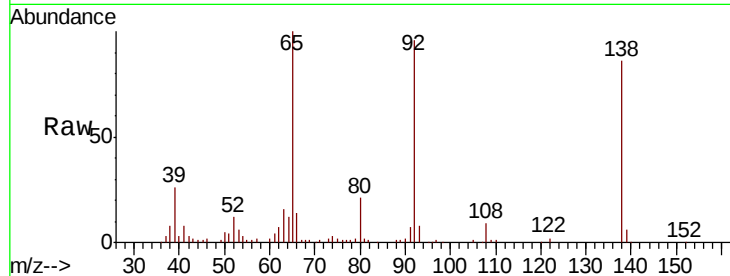
ClientSampleId :

SB-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	112.5	87.4	131.0

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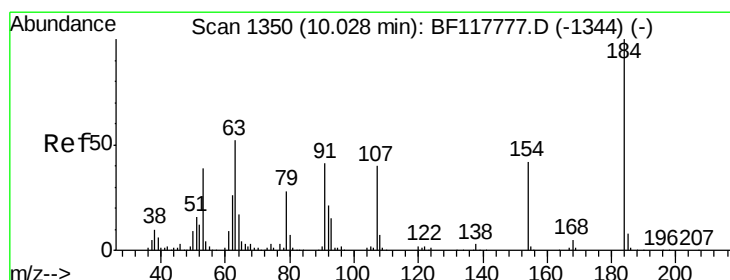
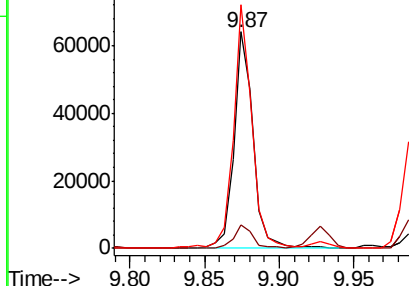
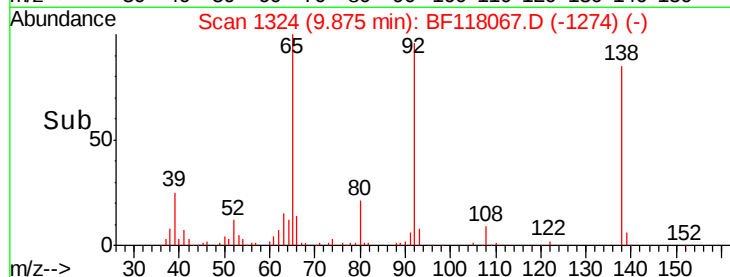


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 67.711 ng

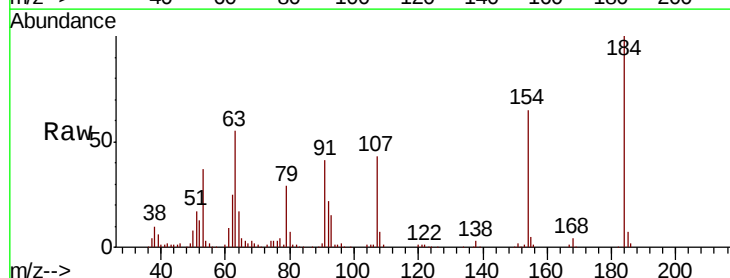
RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	45.3	67.9
154	65.4	51.6	77.4

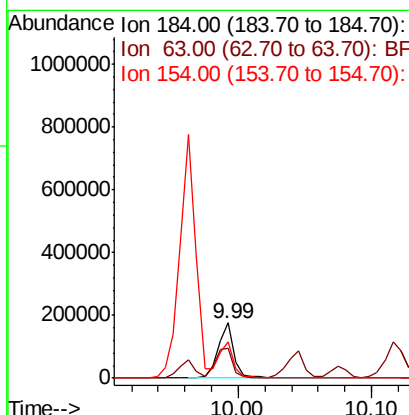
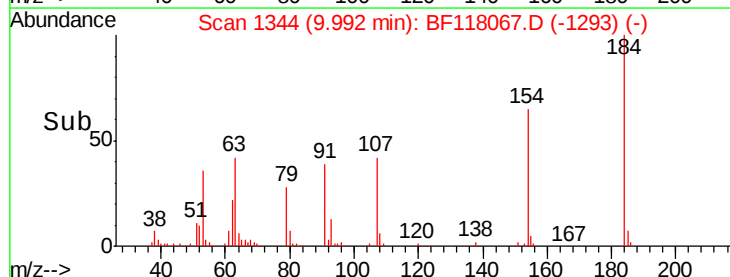


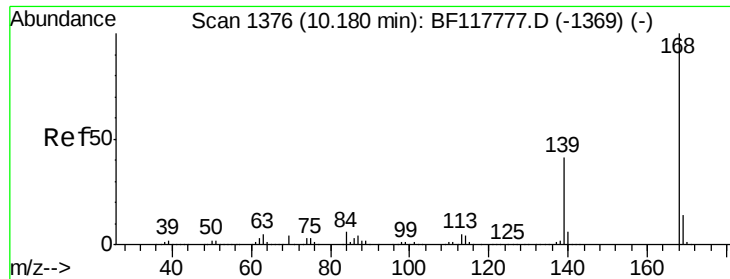
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





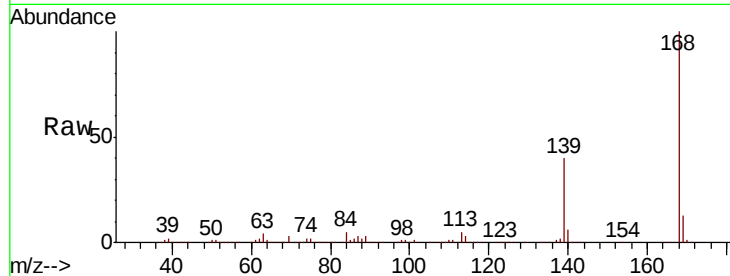
#55
Dibenzofuran
Concen: 44.288 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

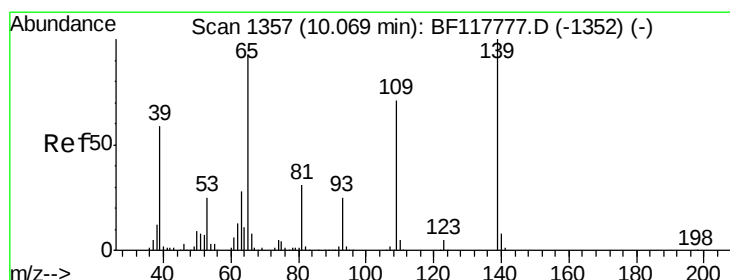
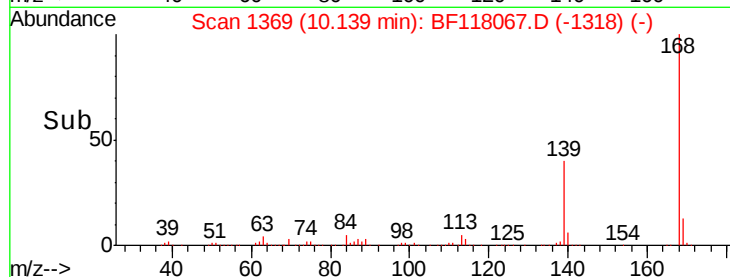
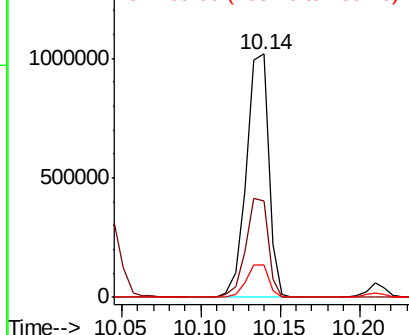
Tot Ion	Ratio	Resp	Lower	Upper
168	100	993431		
139	39.6		32.5	48.7
169	13.2		10.8	16.2

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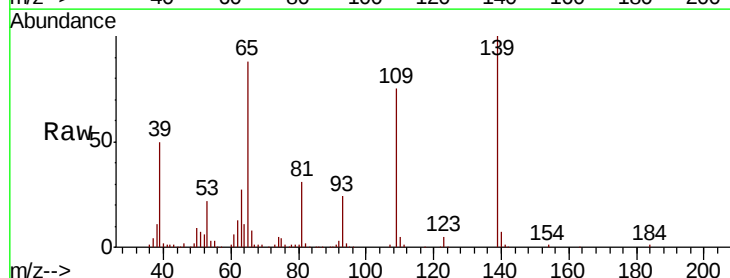


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

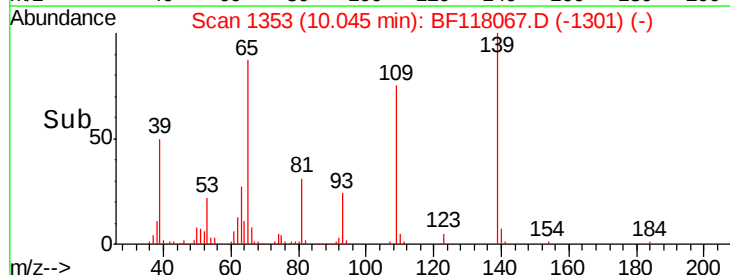
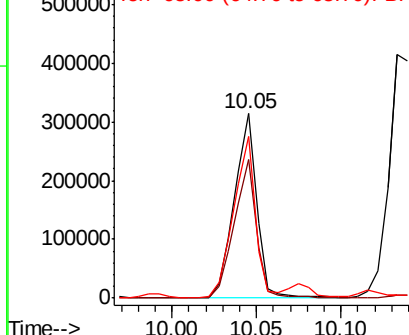


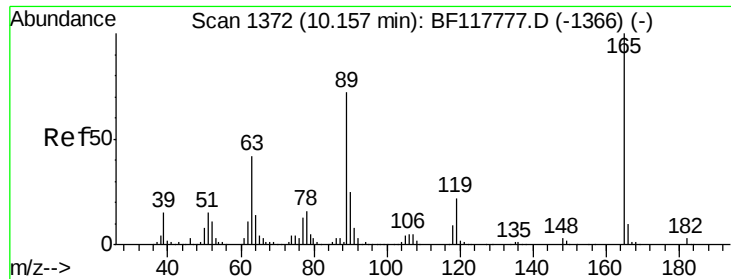
#56
4-Nitrophenol
Concen: 75.016 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	291804		
109	74.9		55.2	95.2
65	87.6		68.7	108.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





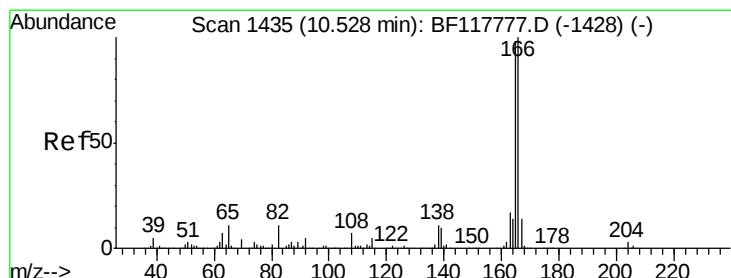
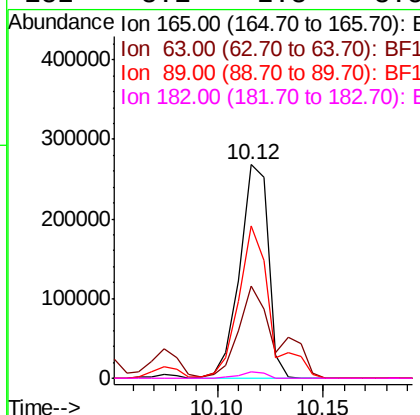
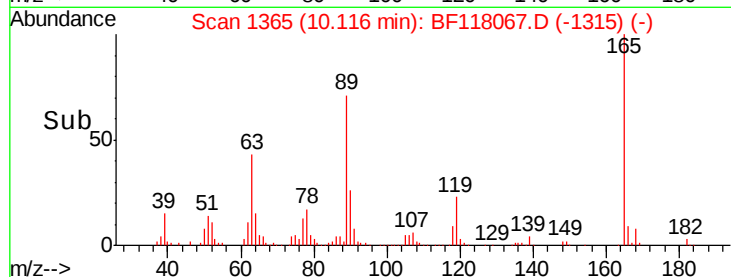
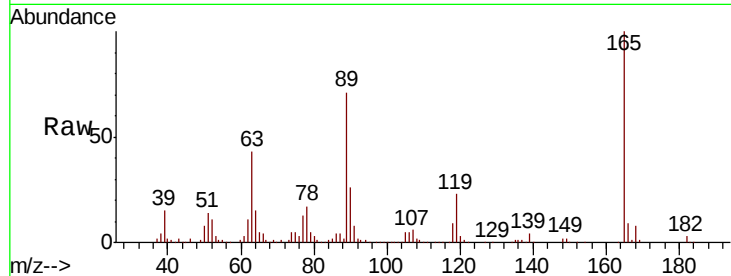
#57
2,4-Dinitrotoluene
Concen: 45.528 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	252227		
63	43.0	26.5	39.7#	
89	71.5	47.2	70.8#	
182	3.1	2.3	3.5	

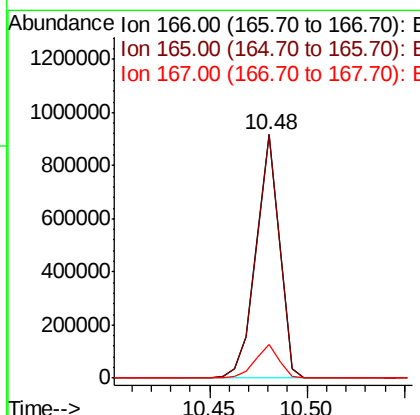
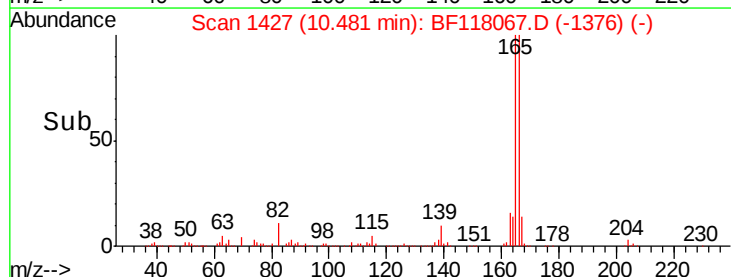
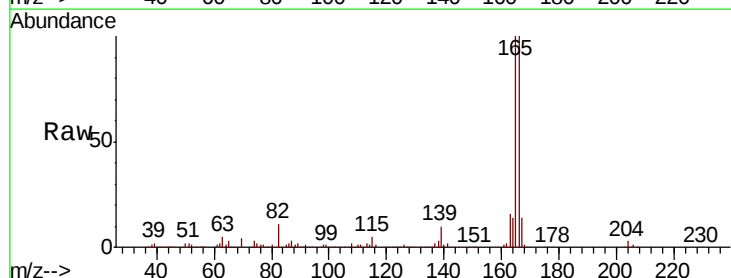
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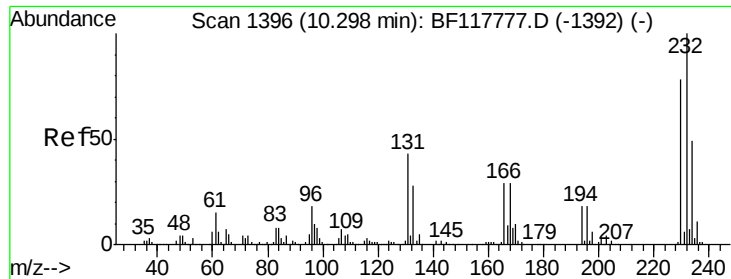
mohammad
12/4/2019 5:01:31 PM



#58
Fluorene
Concen: 44.005 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	764912		
165	100.1	77.4	116.2	
167	13.7	10.7	16.1	





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.324 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

Tot Ion:232 Resp: 198299

Ion Ratio Lower Upper

232 100

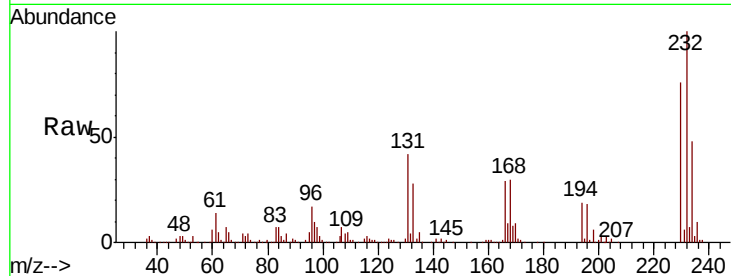
131 48.6 38.8 58.2

130 2.6 1.9 2.9

166 32.7 25.9 38.9

Manual Integrations
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mohammad
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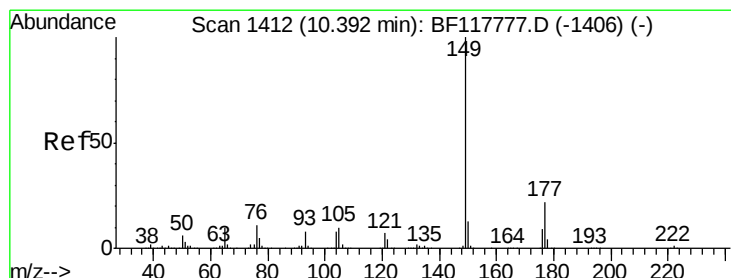
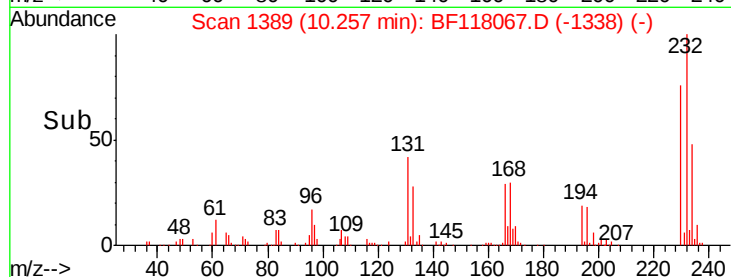
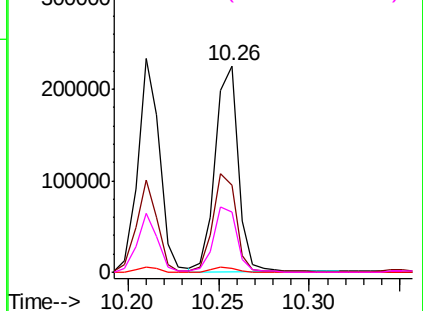


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.290 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

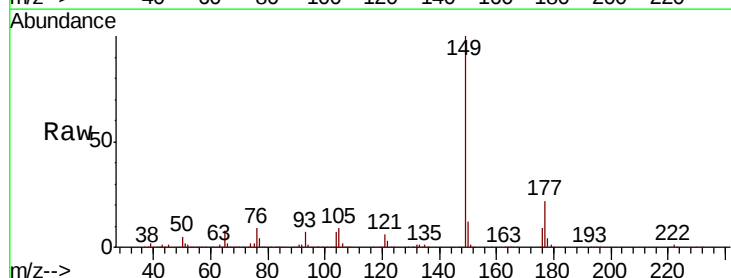
Tgt Ion:149 Resp: 841038

Ion Ratio Lower Upper

149 100

177 22.1 17.6 26.4

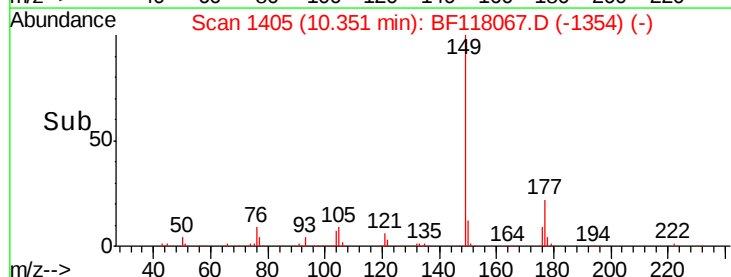
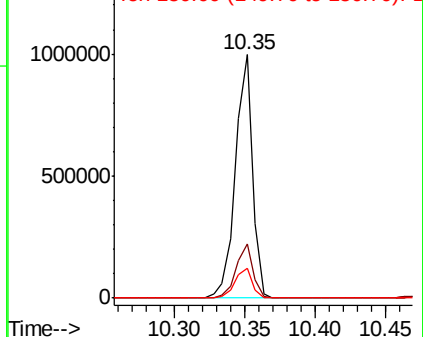
150 12.4 9.8 14.8

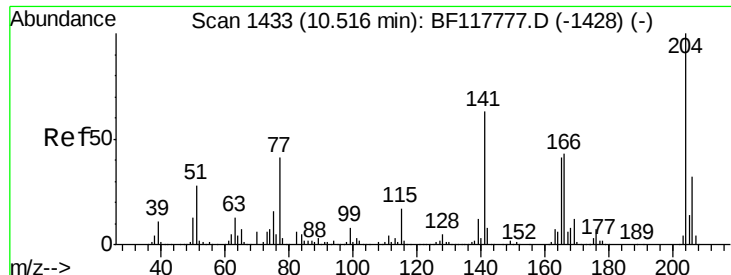


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





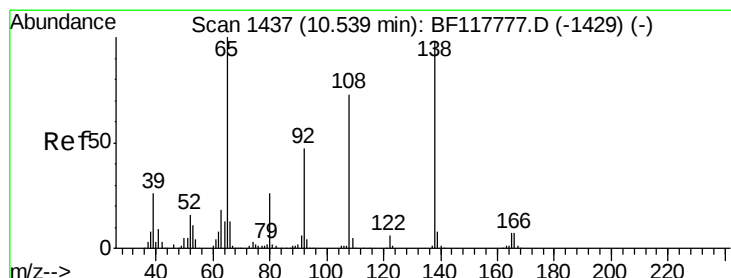
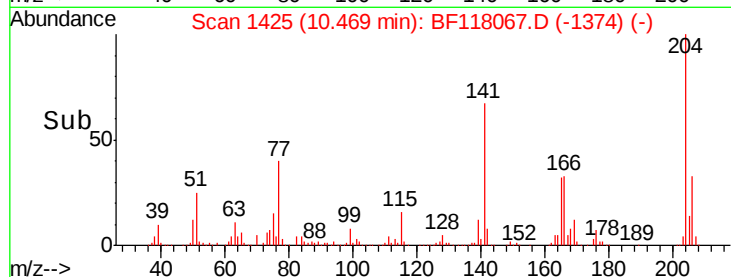
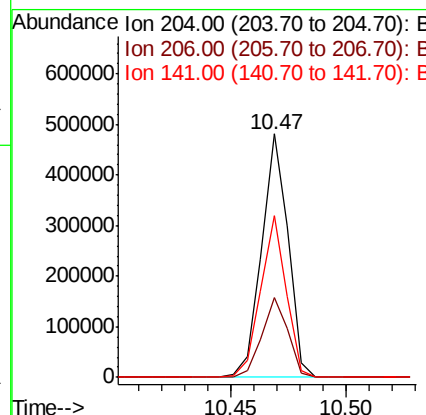
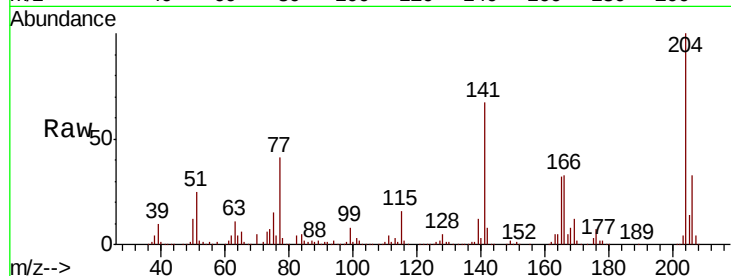
#61
4-Chlorophenyl-phenylether
Concen: 43.638 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	66.6	55.1	82.7

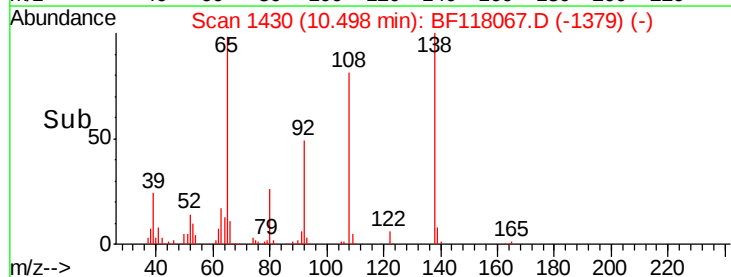
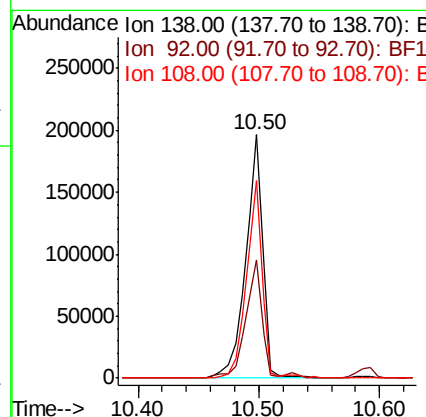
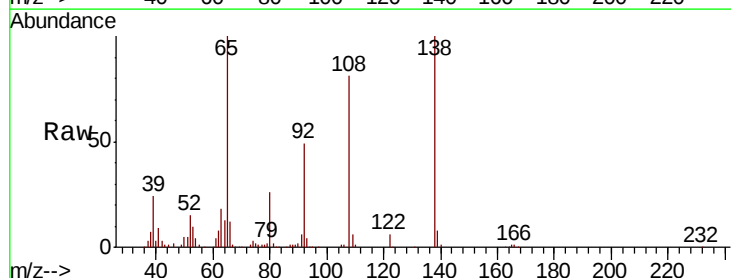
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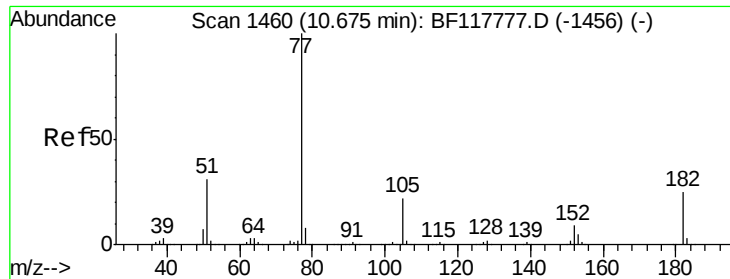
mohammad
12/4/2019 5:01:31 PM



#62
4-Nitroaniline
Concen: 37.199 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.5	67.5
108	81.1	57.9	97.9





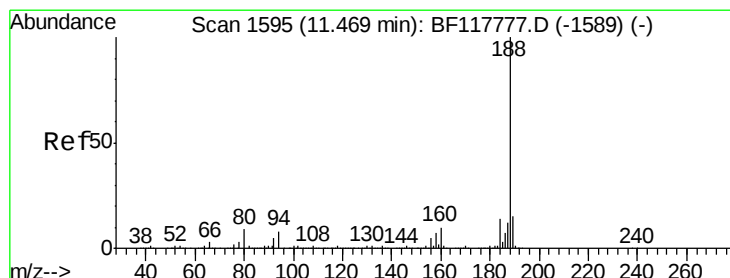
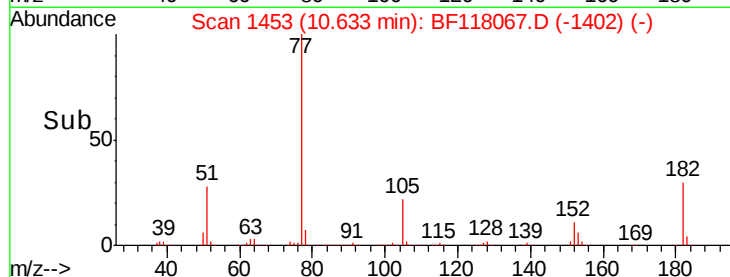
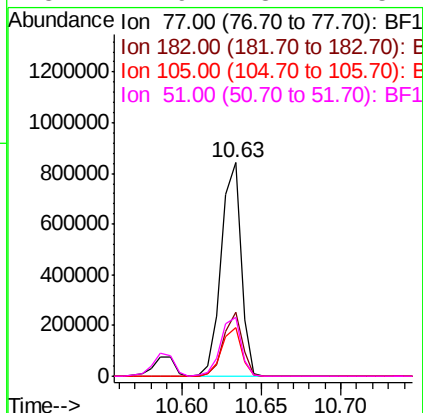
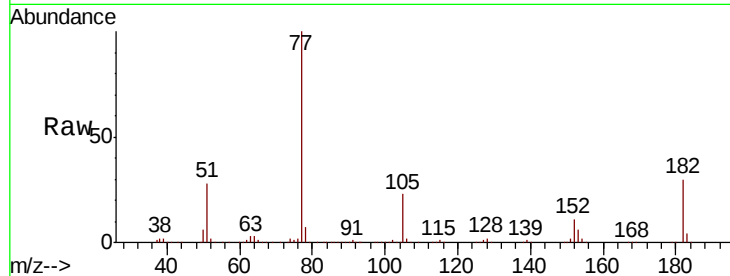
#63
Azobenzene
Concen: 41.615 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		735537		
182	29.8	8.2	48.2		
105	22.6	2.1	42.1		
51	27.9	8.7	48.7		

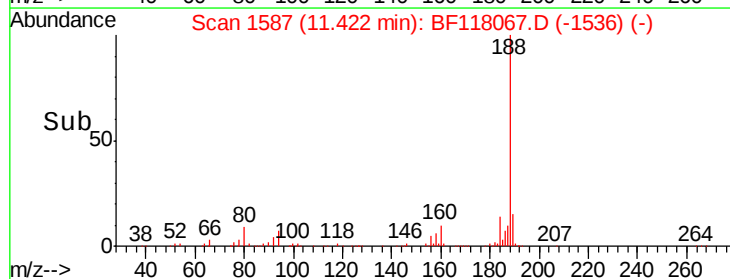
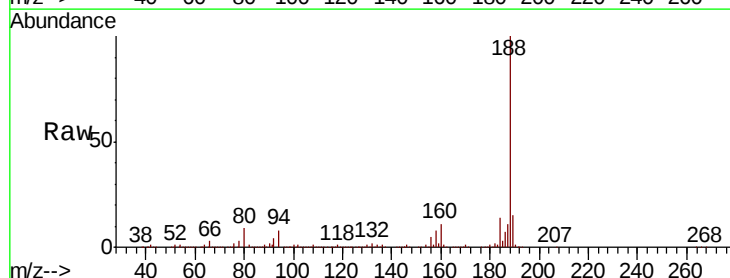
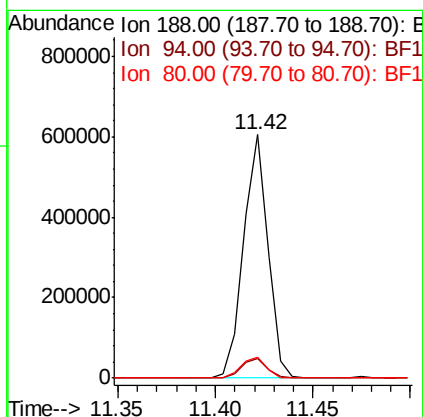
Manual Integrations
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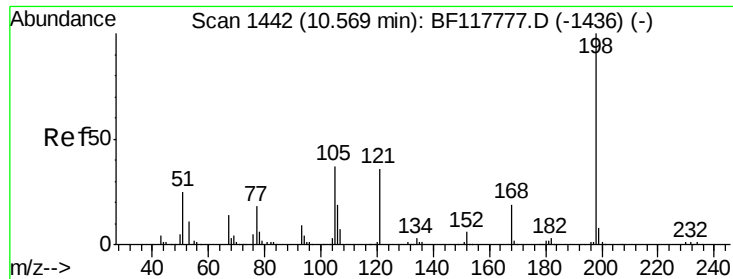
mohammad
12/4/2019 5:01:31 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		524014		
94	8.0	7.0	10.6		
80	8.7	7.2	10.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.157 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampled :

SB-3MS

Tot Ion:198 Resp: 112913

Ion Ratio Lower Upper

198 100

51 46.3 12.6 52.6

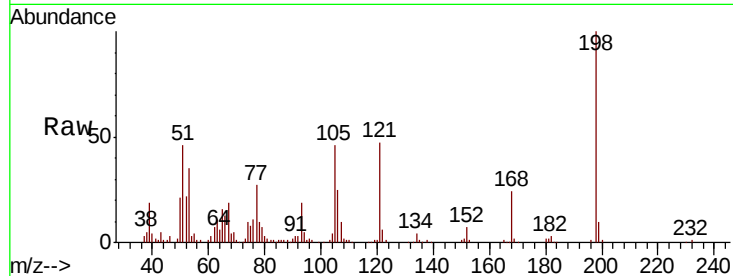
105 46.0 17.0 57.0

Manual Integrations

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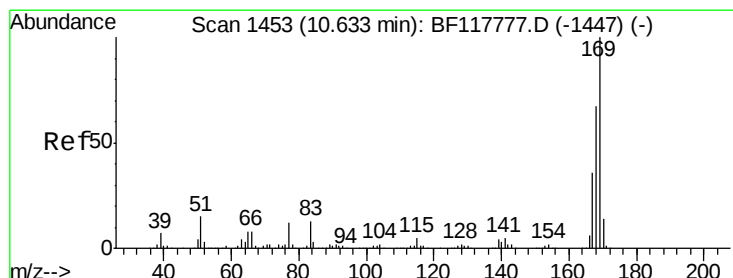
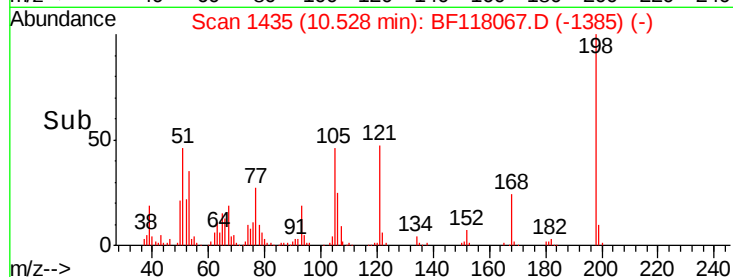
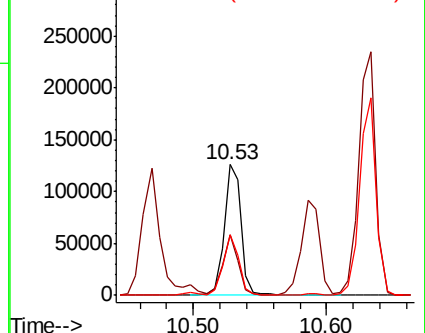
12/4/2019 5:01:31 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.809 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion:169 Resp: 683347

Ion Ratio Lower Upper

169 100

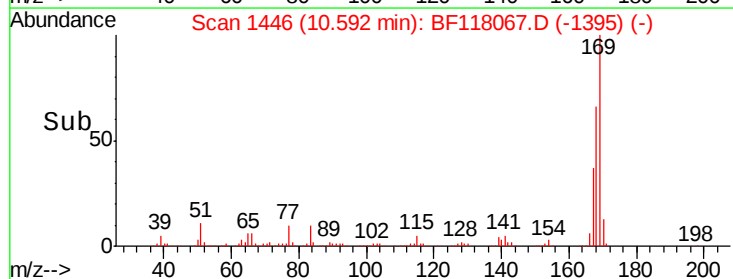
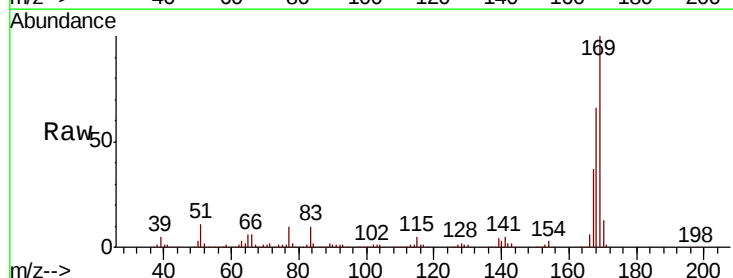
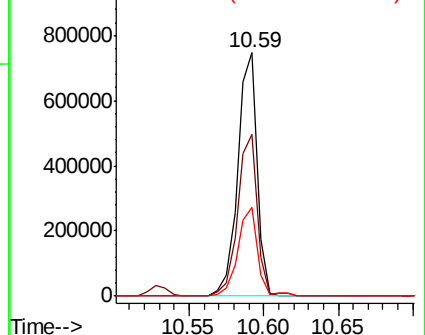
168 66.4 52.5 78.7

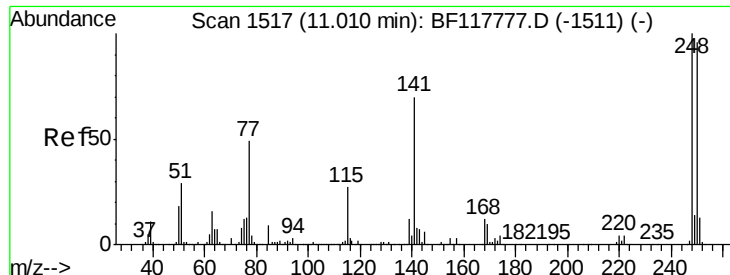
167 36.7 28.4 42.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





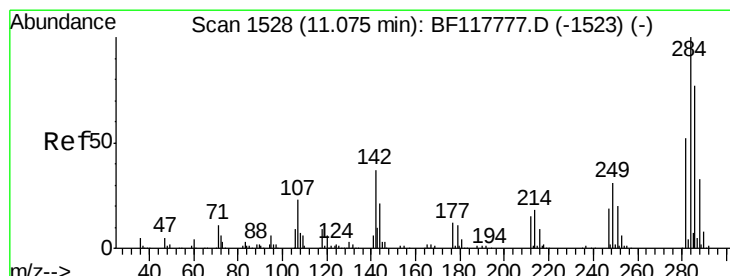
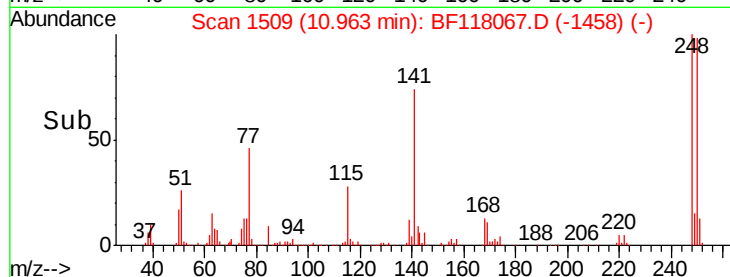
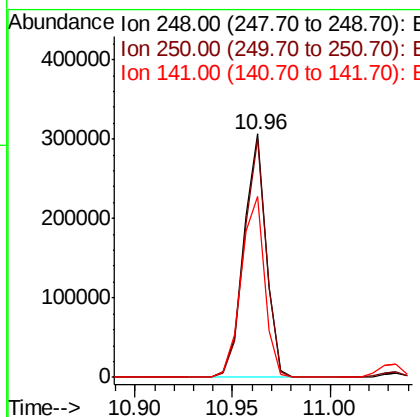
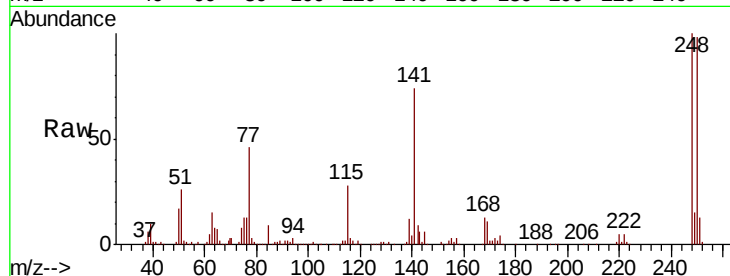
#67
4-Bromophenyl-phenylether
Concen: 43.079 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.0	117.0
141	74.1	64.0	96.0

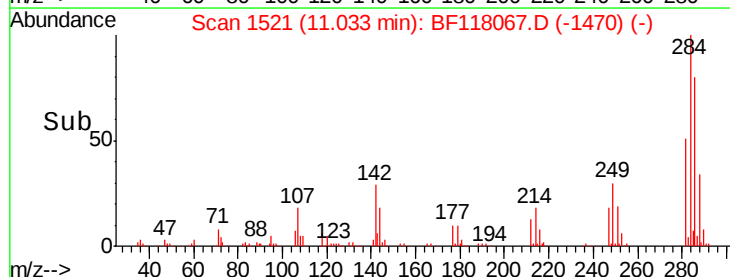
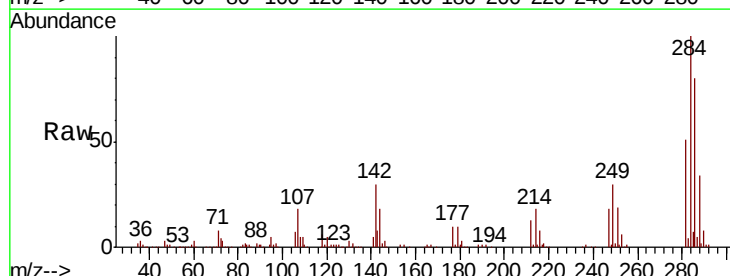
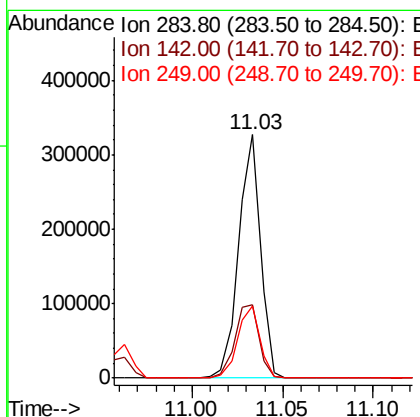
Manual Integrations
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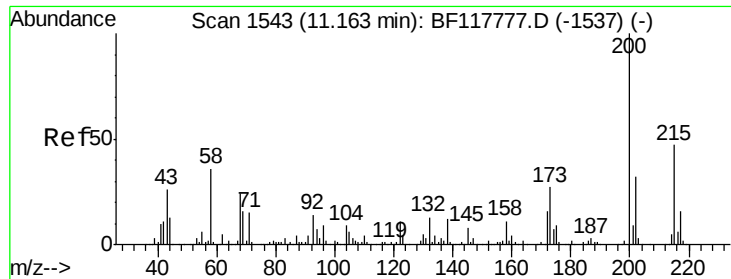
mohammad
12/4/2019 5:01:31 PM



#68
Hexachlorobenzene
Concen: 41.549 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	27.3	40.9
249	29.9	24.8	37.2





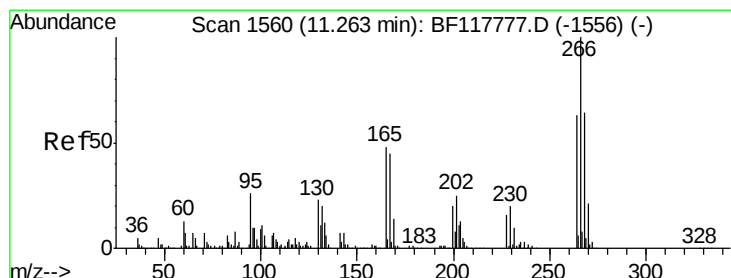
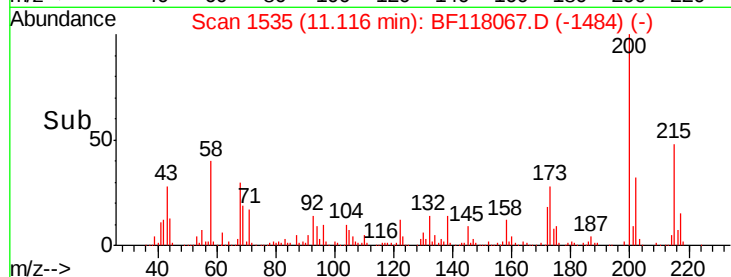
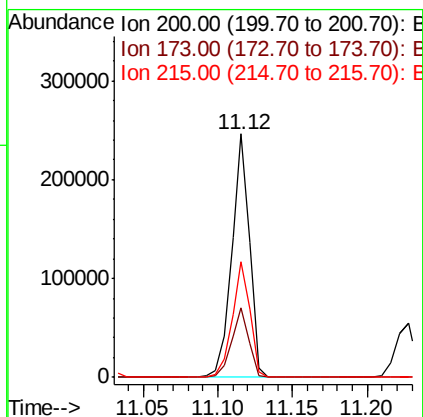
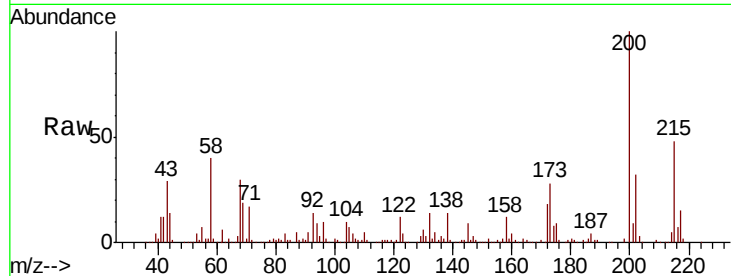
#69
Atrazine
Concen: 41.302 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	207199		
173	28.3	7.9	47.9	
215	47.7	27.0	67.0	

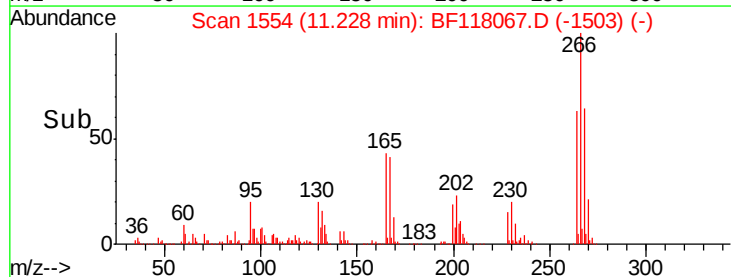
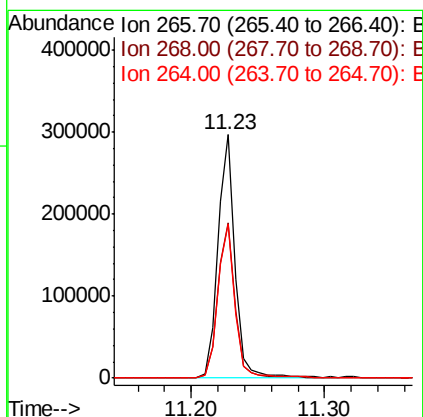
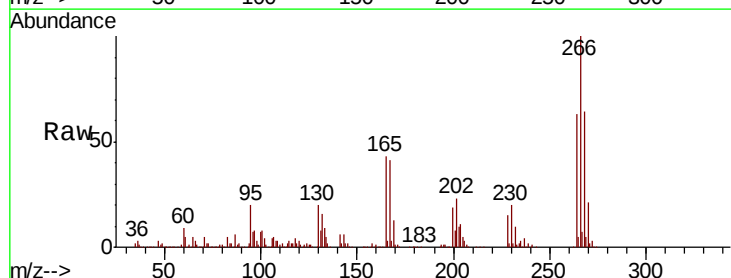
Manual Integrations
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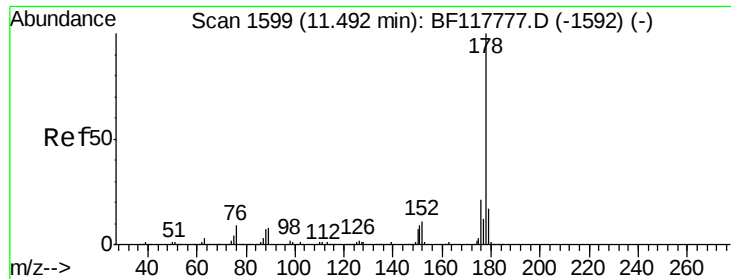
mohammad
12/4/2019 5:01:31 PM



#70
Pentachlorophenol
Concen: 69.978 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	269541		
268	63.9	50.3	75.5	
264	63.4	50.3	75.5	





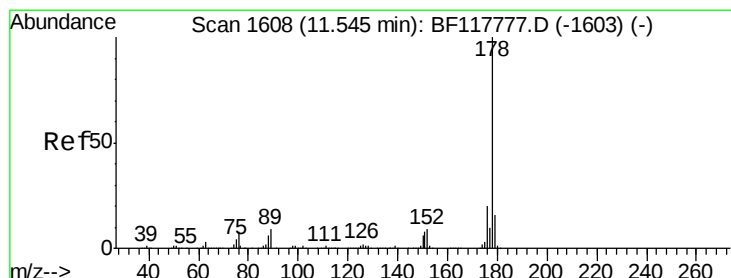
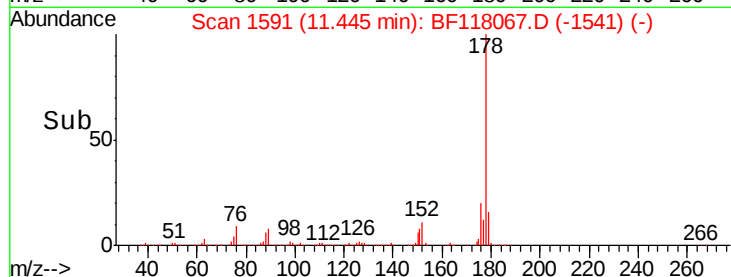
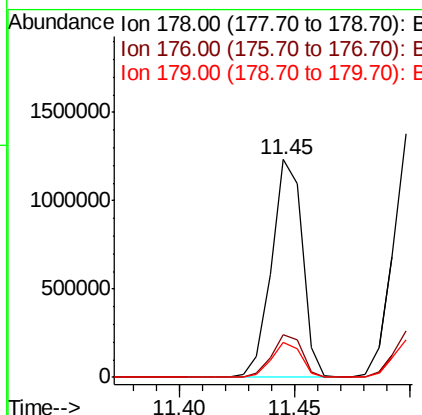
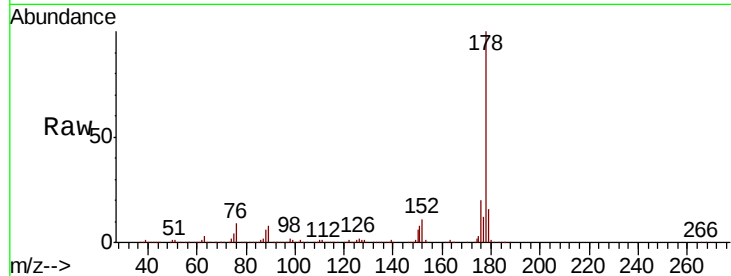
#71
Phenanthrene
Concen: 43.246 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:178 Resp: 1139340
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.9 12.3 18.5

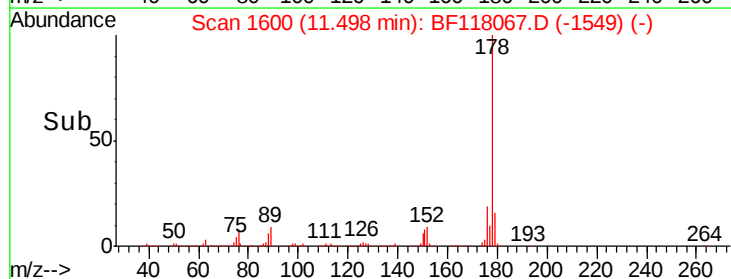
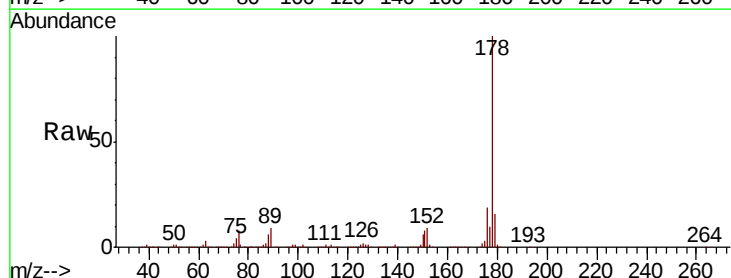
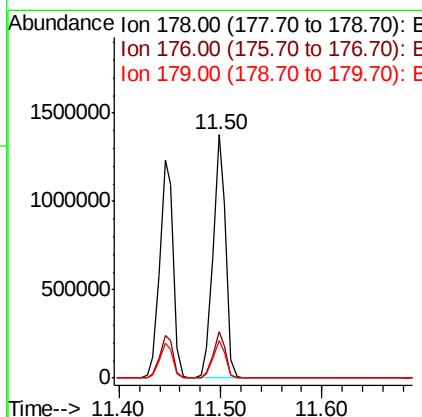
Manual Integrations
APPROVED

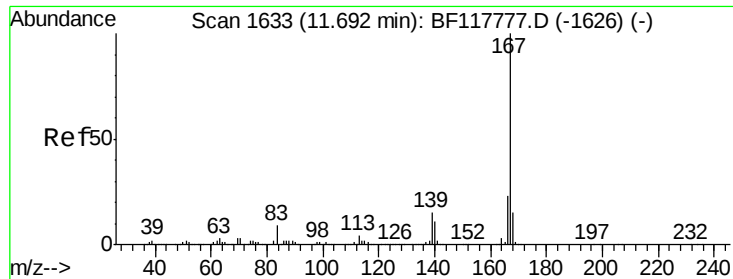
mohammad
12/4/2019 5:01:31 PM



#72
Anthracene
Concen: 45.689 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:178 Resp: 1193445
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.7 12.8 19.2





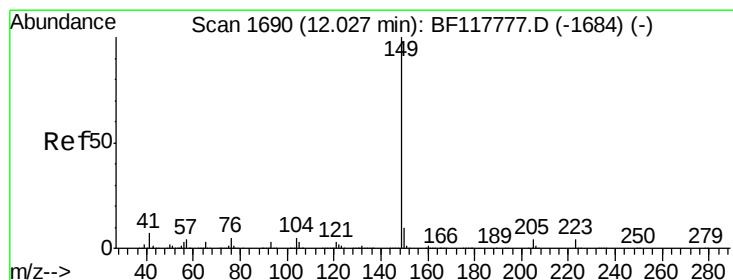
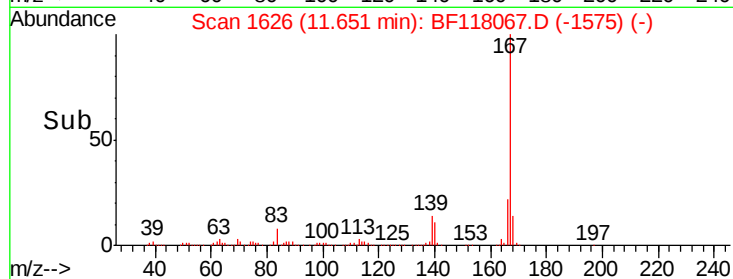
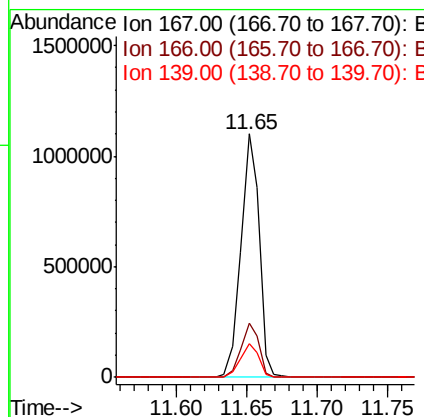
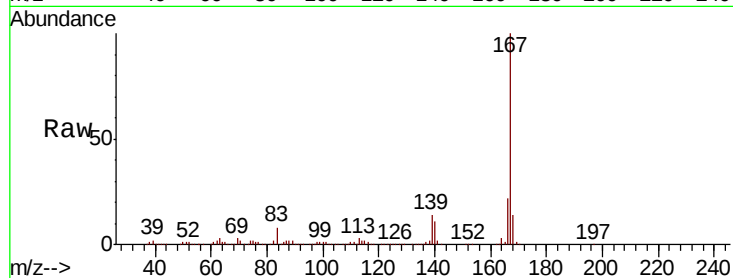
#73
 Carbazole
 Concen: 43.653 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampled :
 SB-3MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.0	11.5	17.3

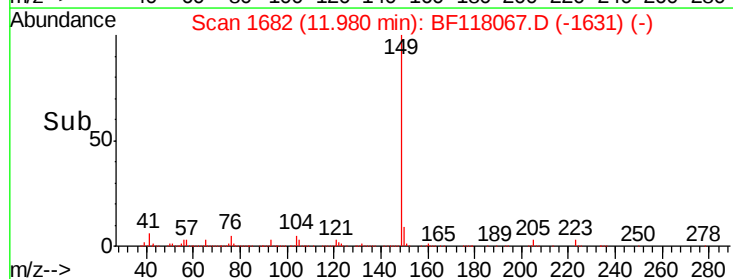
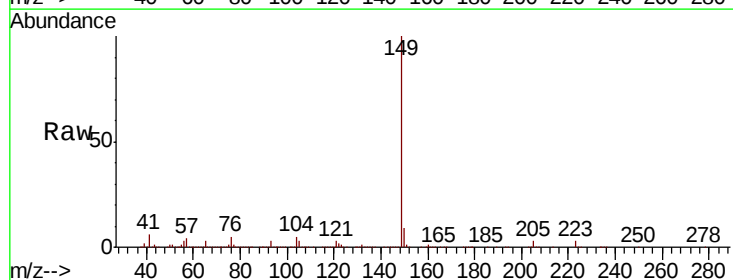
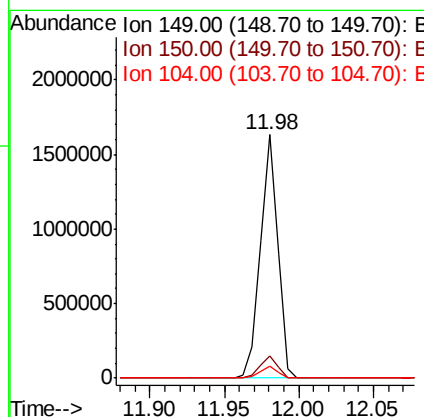
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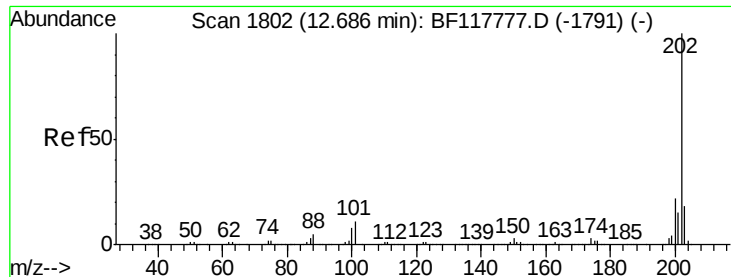
mohammad
 12/4/2019 5:01:31 PM



#74
 Di-n-butylphthalate
 Concen: 45.837 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.8	4.2	6.4





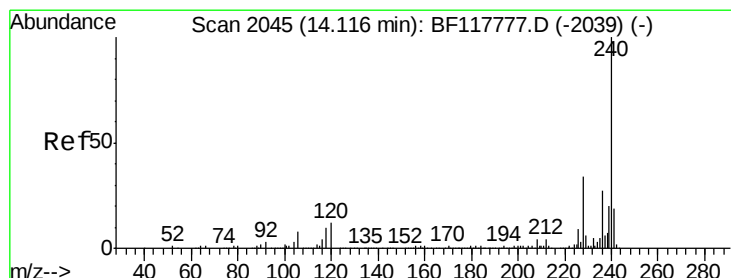
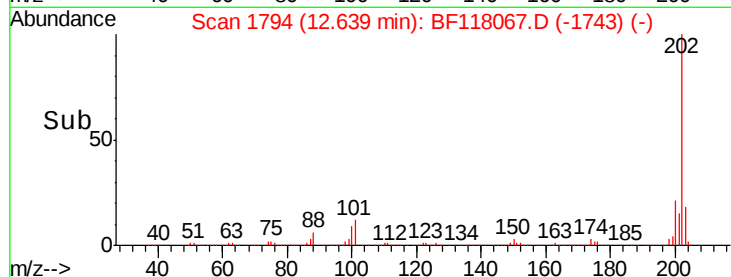
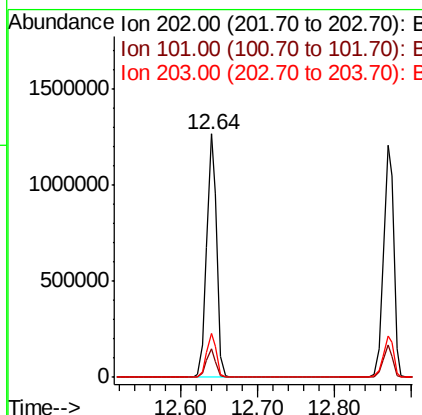
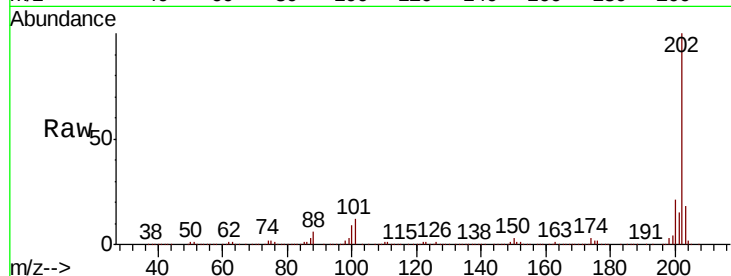
#75
Fluoranthene
 Concen: 47.655 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
203	18.1	0.0	37.6

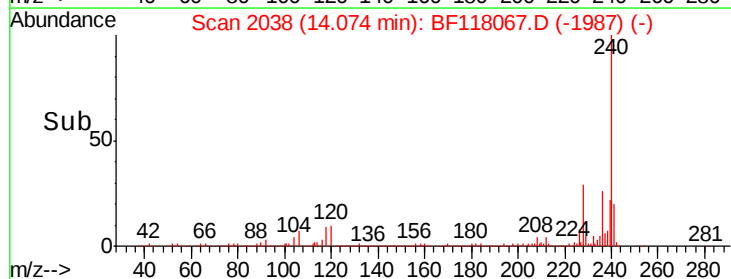
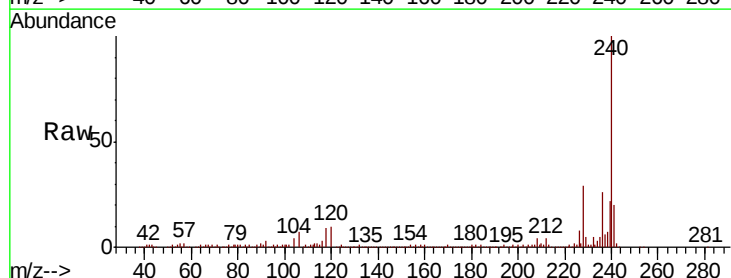
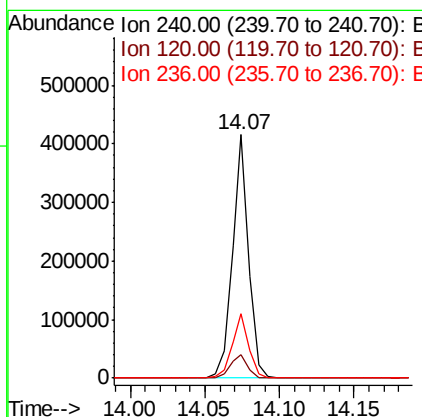
Manual Integrations
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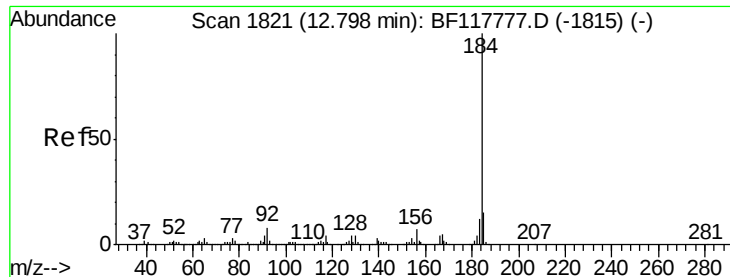
mohammad
 12/4/2019 5:01:31 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.5	20.6	31.0





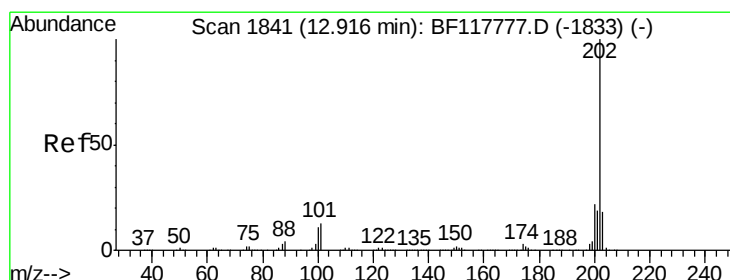
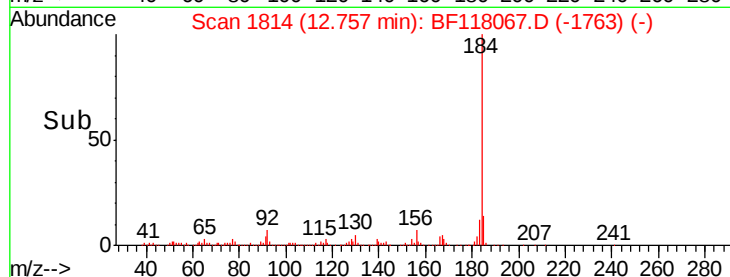
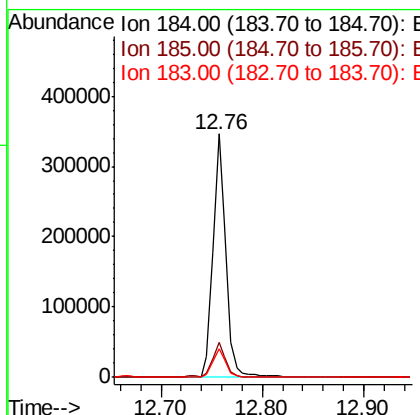
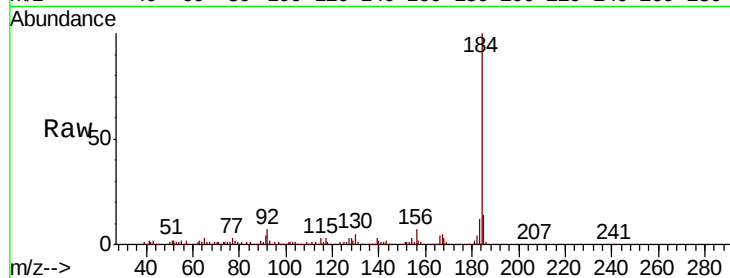
#77
Benzidine
Concen: 29.593 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	14.3	11.6	17.4	
183	11.8	9.7	14.5	

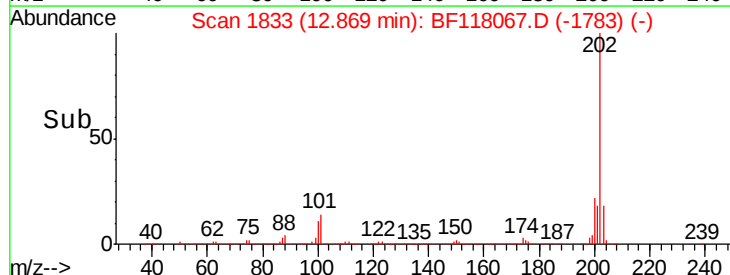
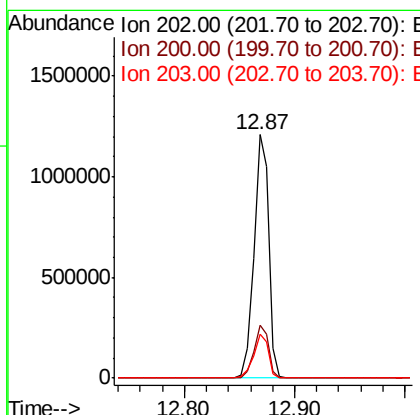
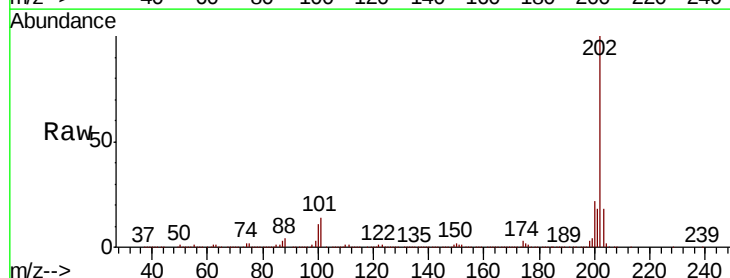
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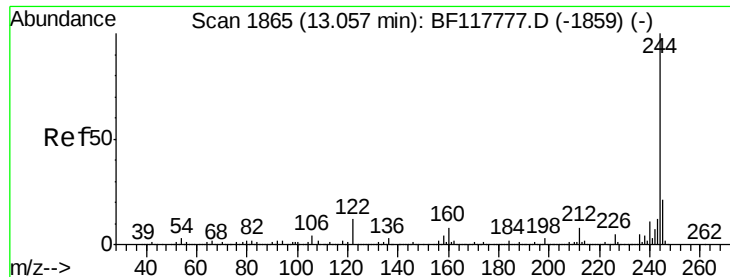
mohammad
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#78
Pyrene
Concen: 43.867 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	21.9	17.0	25.6	
203	18.0	14.2	21.4	





#79

Terphenyl-d14

Concen: 92.299 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

Tot Ion:244 Resp: 1605043

Ion Ratio Lower Upper

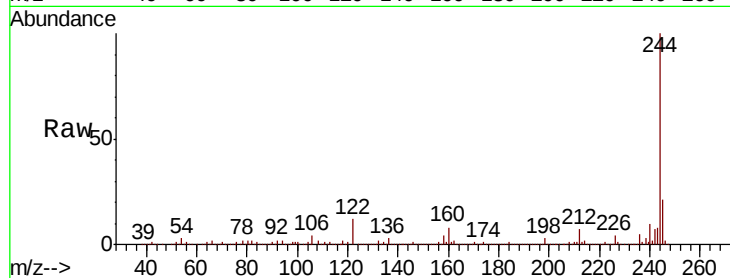
244 100

212 7.2 5.2 7.8

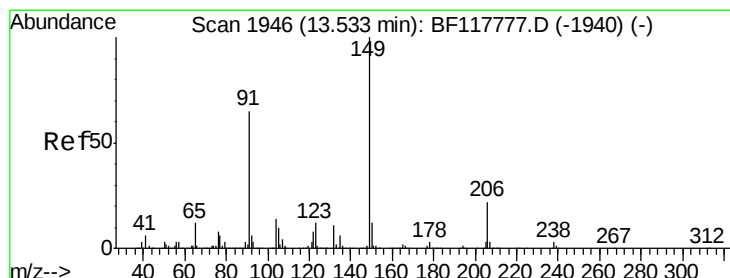
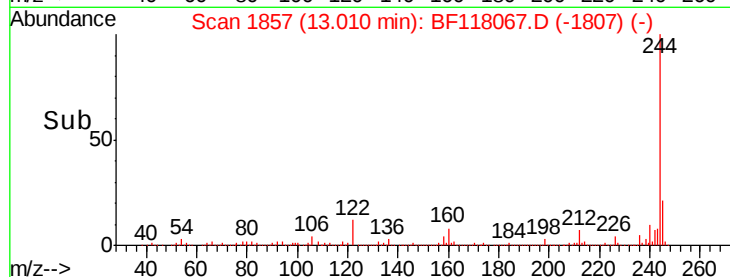
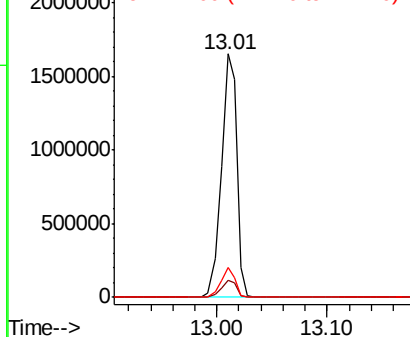
122 12.1 7.2 10.8#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.829 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

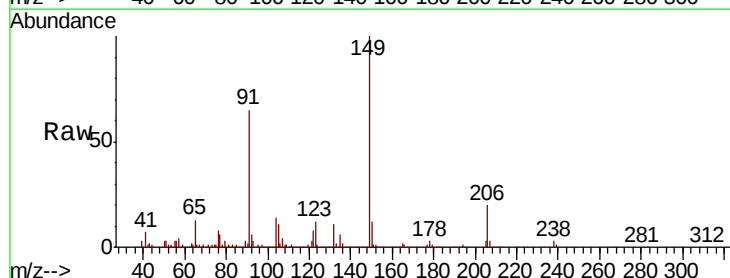
Tgt Ion:149 Resp: 505563

Ion Ratio Lower Upper

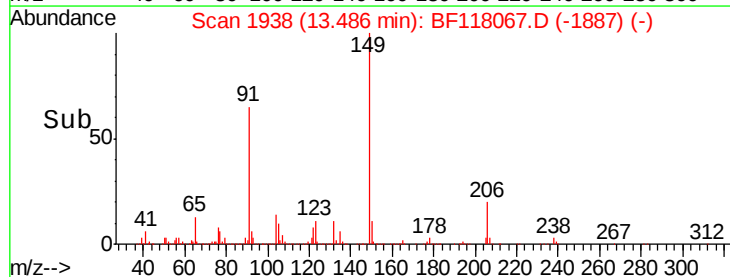
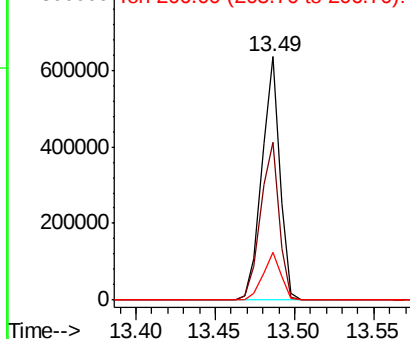
149 100

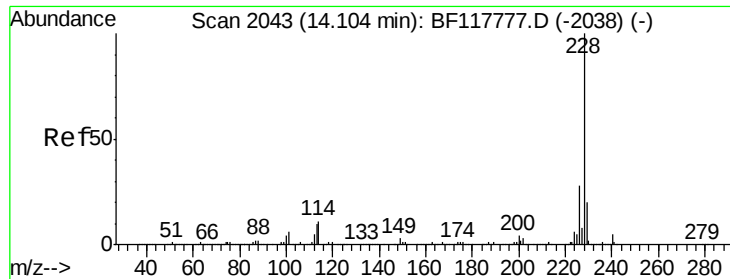
91 64.8 53.1 79.7

206 19.7 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





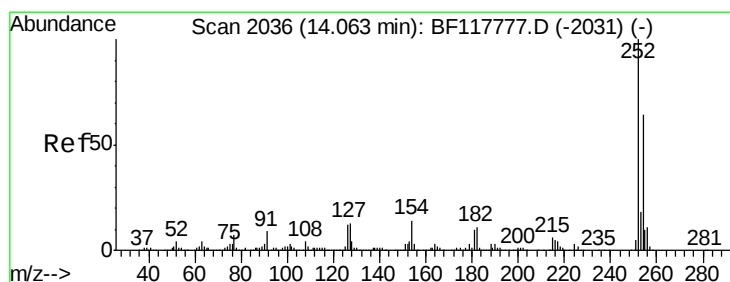
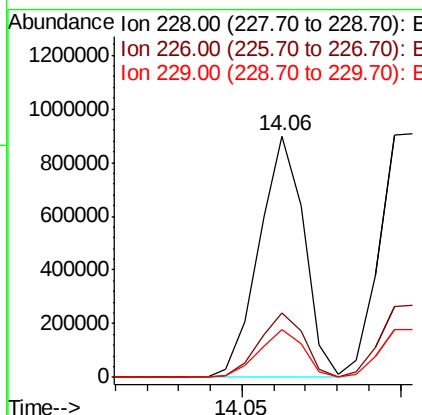
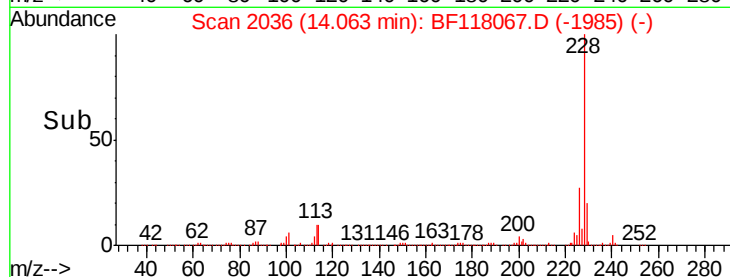
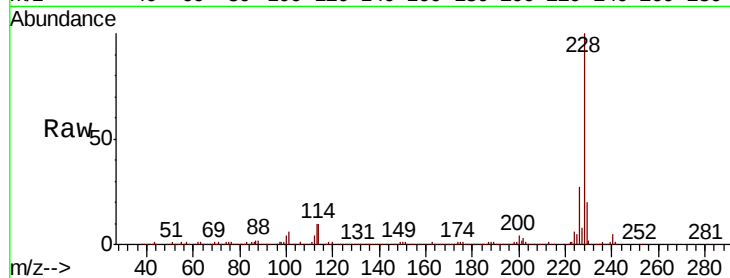
#81
Benzo(a)anthracene
Concen: 42.159 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	19.8	16.2	24.2

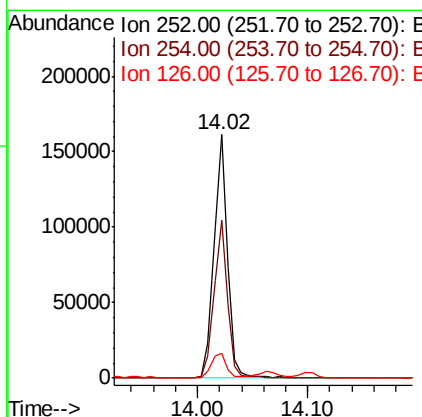
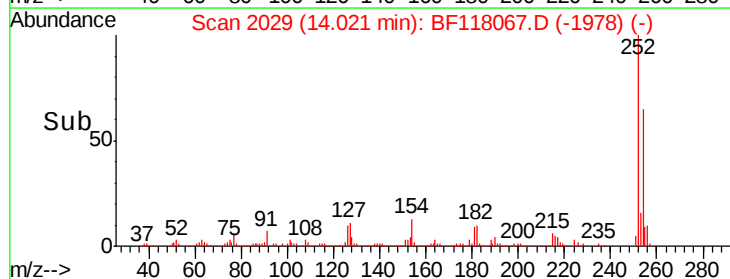
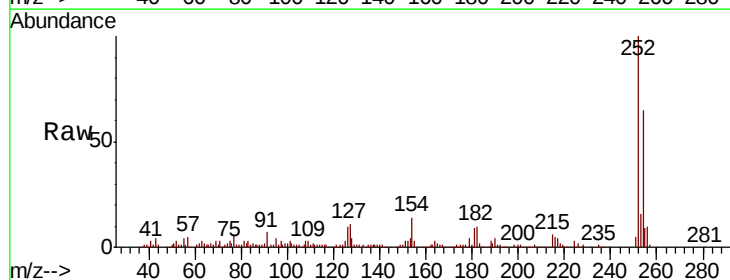
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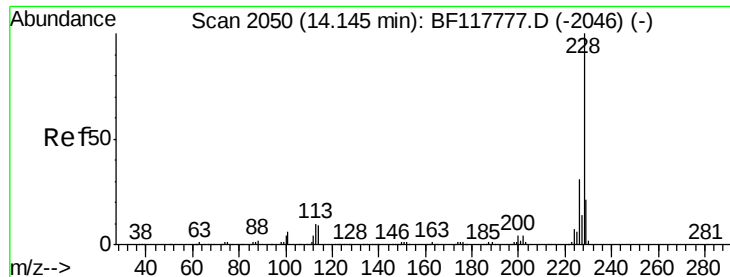
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#82
3,3'-Dichlorobenzidine
Concen: 18.478 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.2	78.2
126	10.3	9.3	13.9





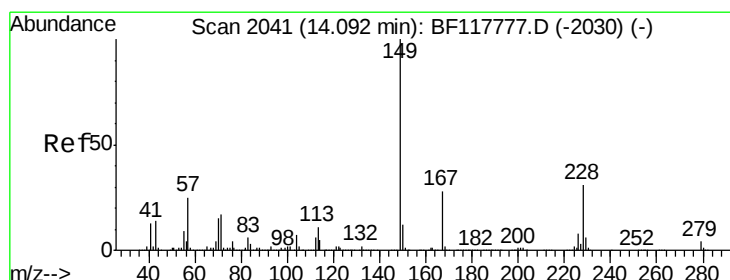
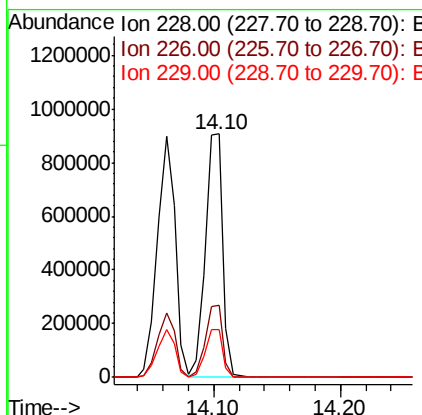
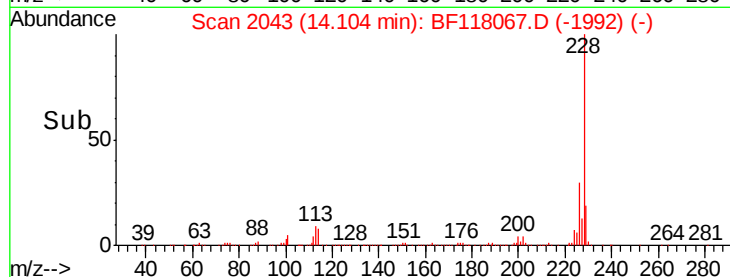
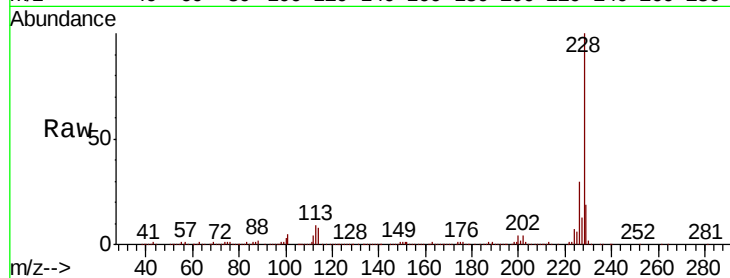
#83
 Chrvsene
 Concen: 42.576 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	19.5	16.2	24.2

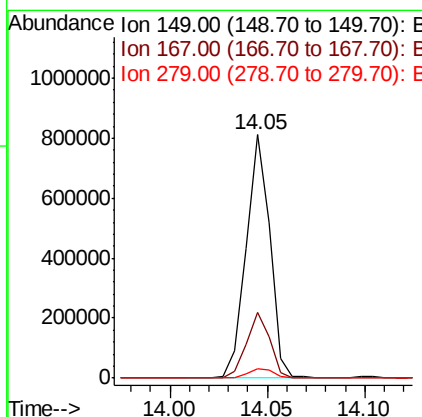
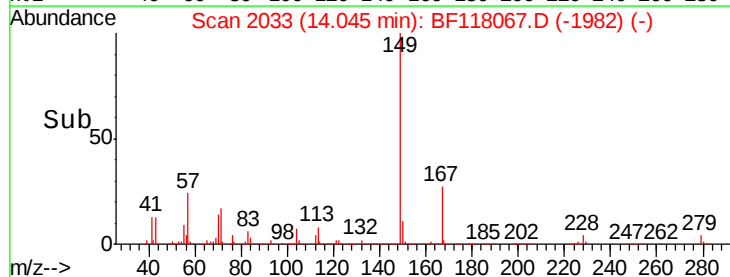
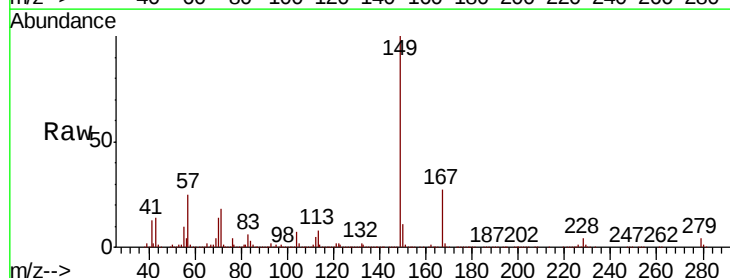
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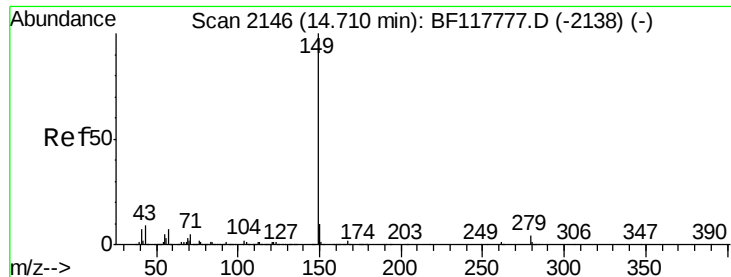
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.912 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	4.0	3.4	5.0





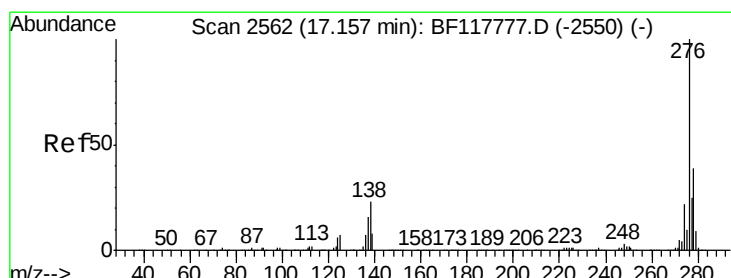
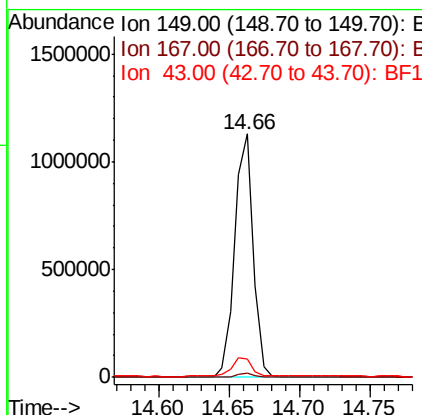
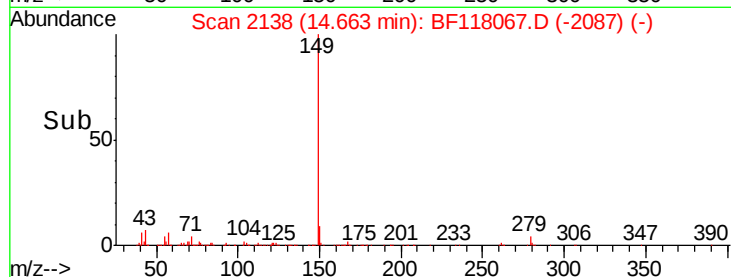
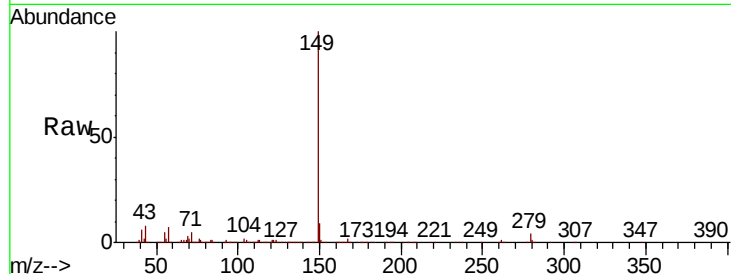
#85
Di-n-octyl phthalate
Concen: 52.236 ng
RT: 14.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	6.4	9.6

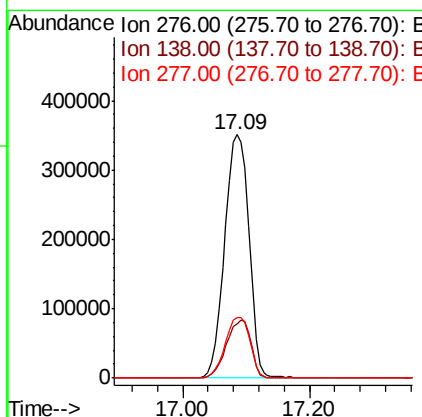
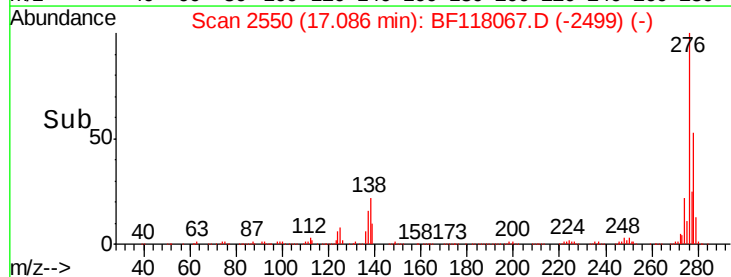
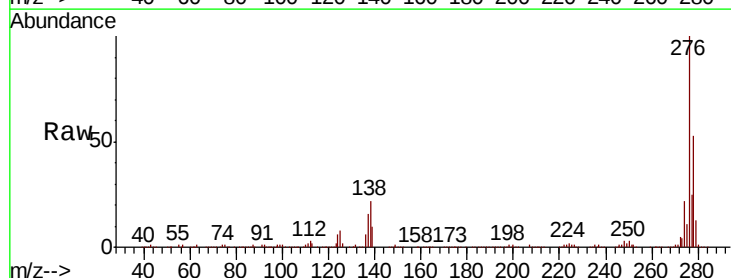
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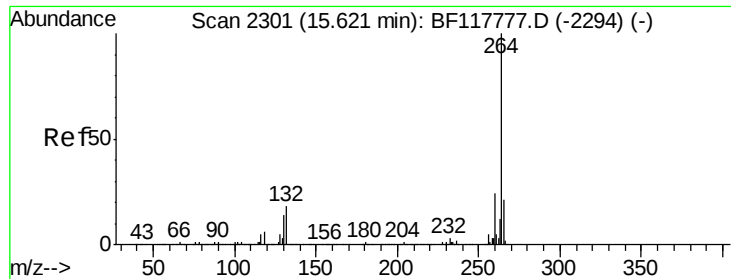
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.978 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.6
277	25.4	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

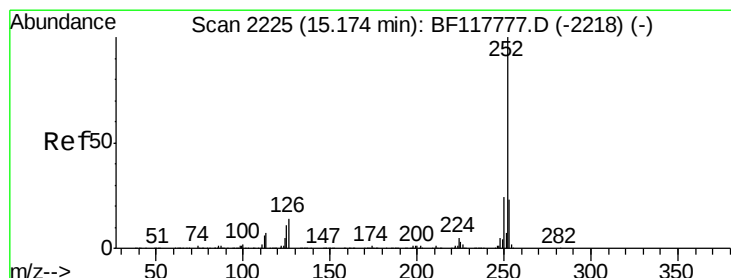
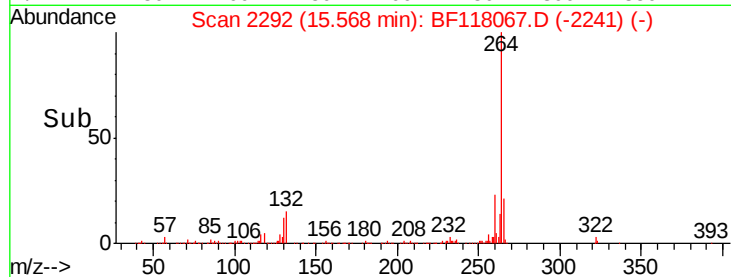
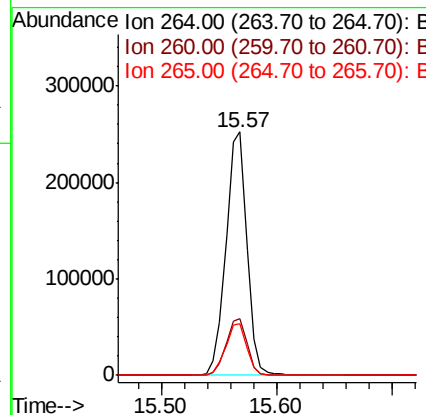
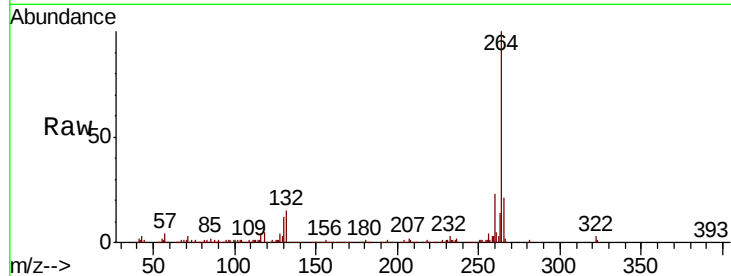
ClientSampleId :

SB-3MS

Tot Ion:	264	Resp:	315733
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.0	28.6
265	21.1	16.4	24.6

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#88

Benzo(b)fluoranthene

Concen: 38.383 ng

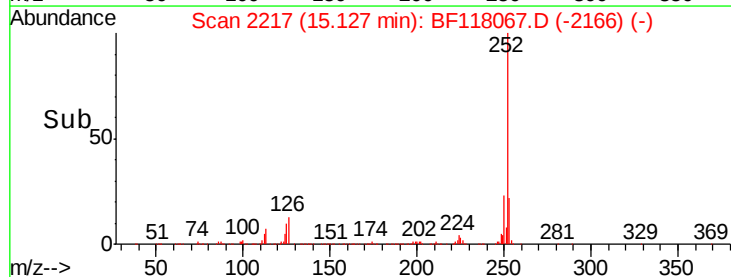
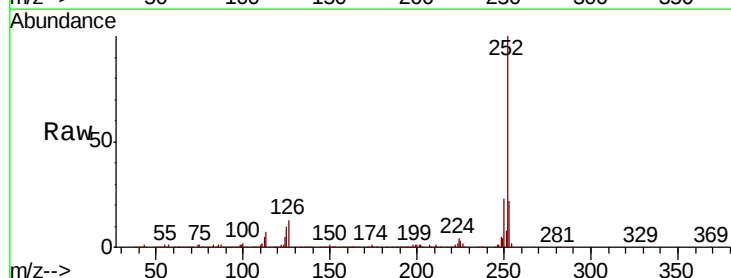
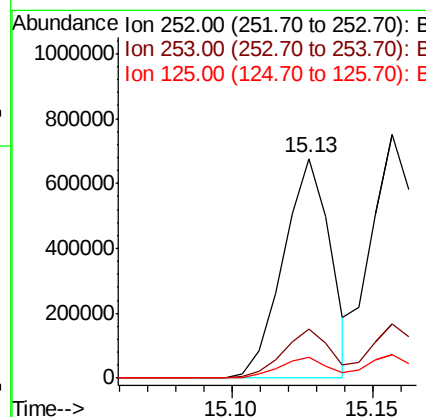
RT: 15.13 min Scan# 2217

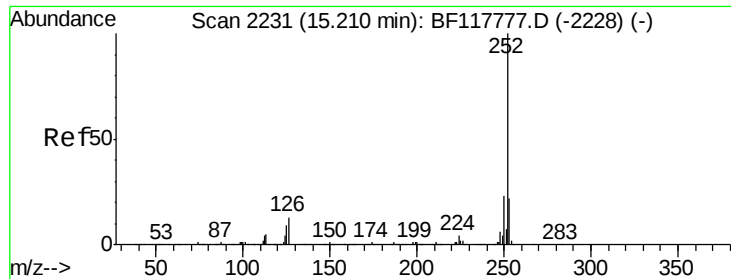
Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion:	252	Resp:	787353
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	9.8	7.7	11.5





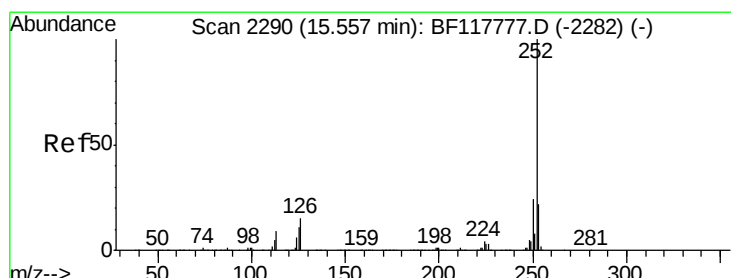
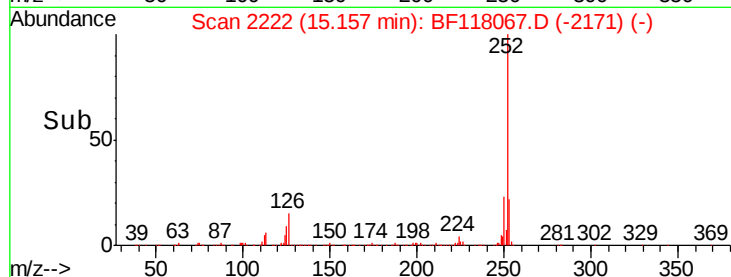
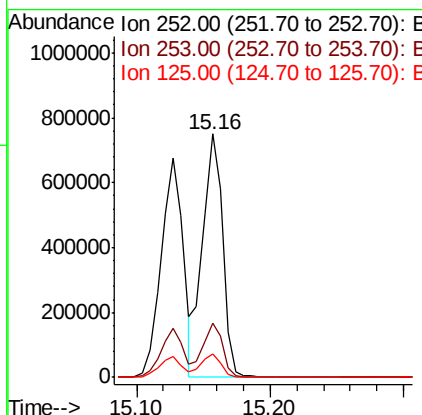
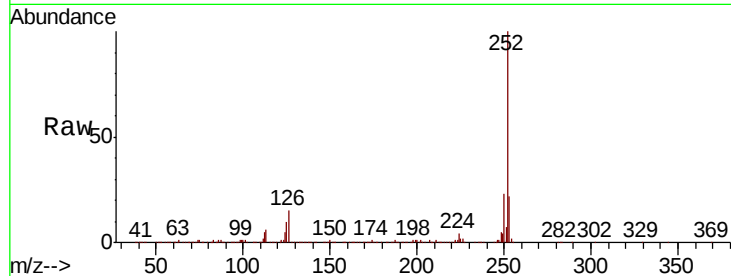
#89
Benzo(k)fluoranthene
Concen: 40.705 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampled :
SB-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.6	8.5	12.7

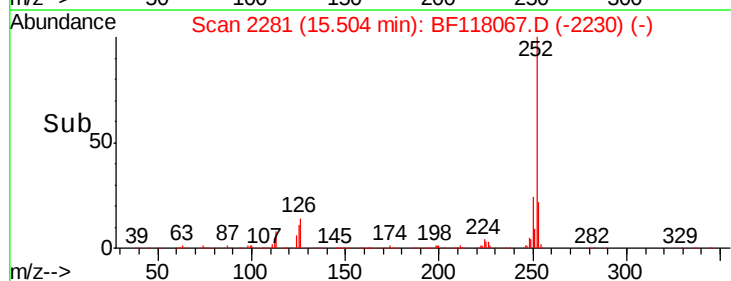
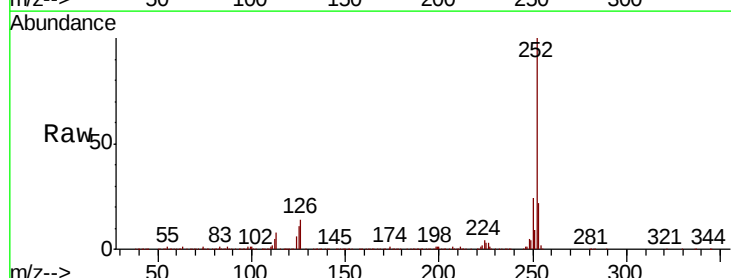
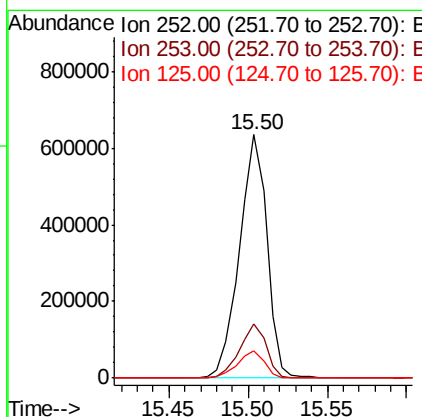
Manual Integrations
APPROVED

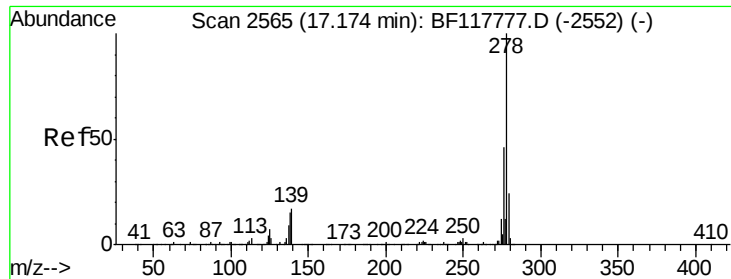
mohammad
12/4/2019 5:01:31 PM



#90
Benzo(a)pyrene
Concen: 42.423 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.3	8.9	13.3





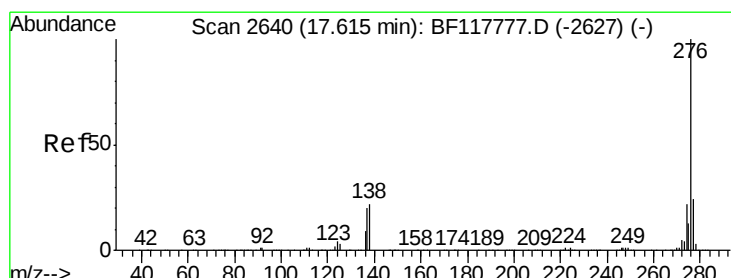
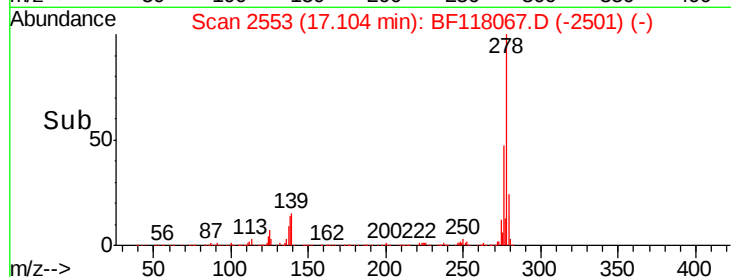
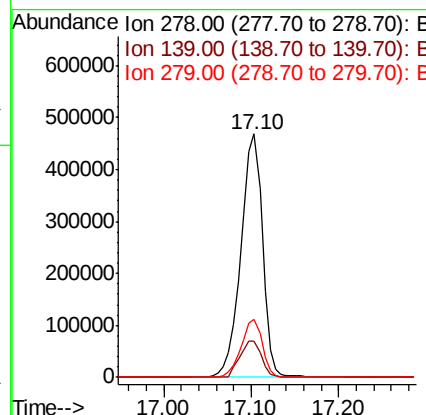
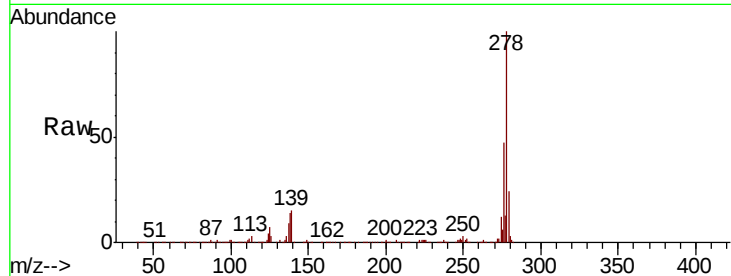
#91
Dibenzo(a,h)anthracene
Concen: 50.339 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.2	18.4
279	23.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 51.282 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.8	16.6	25.0

